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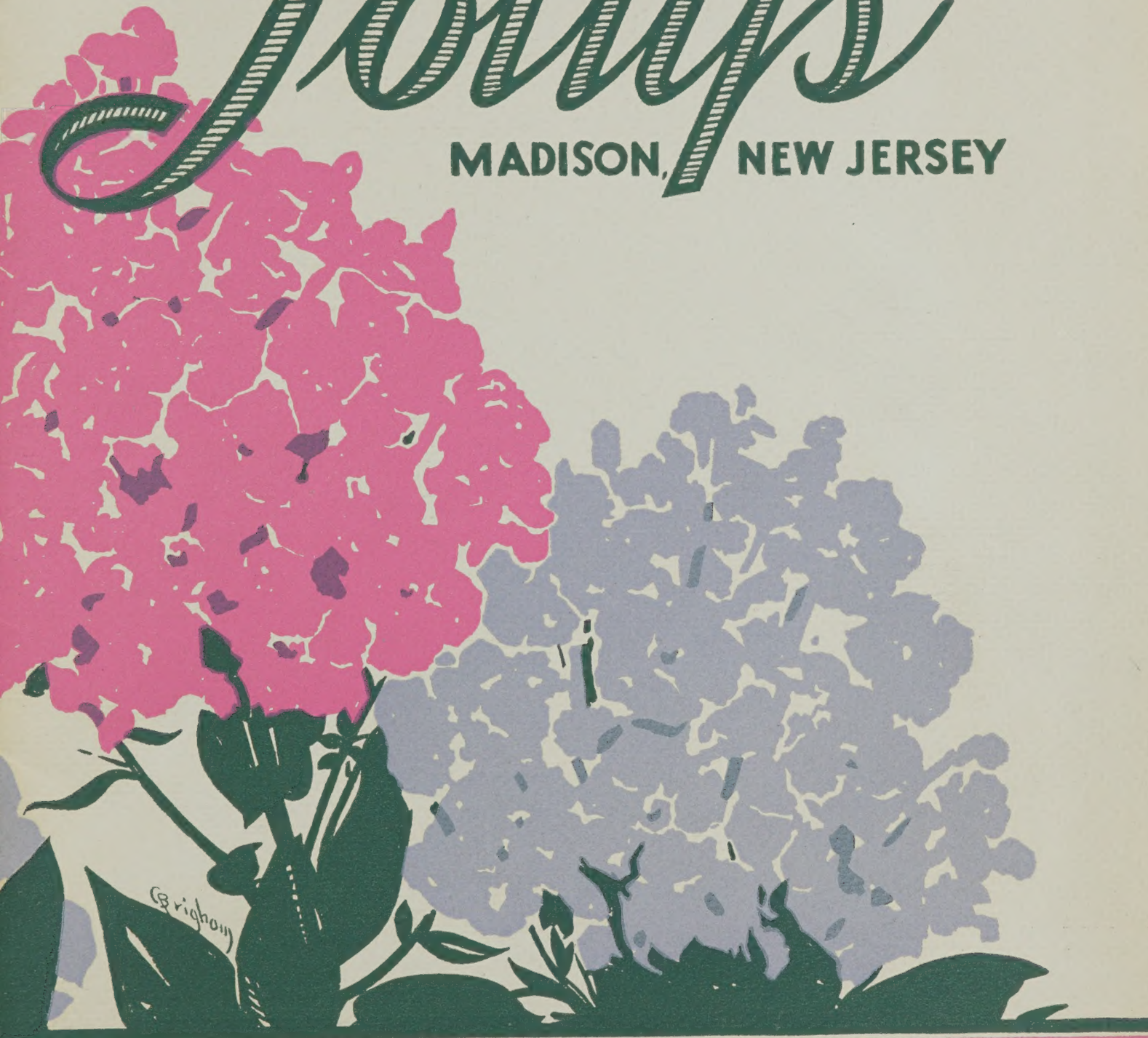
Perennials, Roses.

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Out of business in 1953

Tottys

MADISON, NEW JERSEY



Grignon

1948

JANUARY 1, 1948

Foreword

ONCE again it is my happy privilege to greet you, our loyal customers and friends, to review the year's activities and to present our 1948 introductions.

This past year was highlighted by an air trip to Europe occasioned by an invitation from the City of Paris to judge Roses at the Concours de Bagatelle, a signal honor which I greatly appreciated; doubly significant because the Gold Medal was awarded this year to an American Rose "Applause."

En route we attended the Chelsea Flower Show in London, a veritable paradise of beauty and the meeting place of the world's horticulturists.

For six weeks thereafter we toured England, Scotland, Holland and France, visiting old friends, making new contacts and selecting many new Roses, Perennials and Chrysanthemums for trial in this country. These tests will take several years but should produce many long-awaited novelties.

The world-famous English firm of Allwood's, Ltd., has appointed Totty's their exclusive agents in the United States. Each year we will feature one of their novelty Carnations.

This season we introduce from Holland "Meis Copijn," a true pink Phlox. From England, we bring you "Prosperity" and "Plenty," two excellent hardy Asters, and a trio of Chrysanthemums — "Duchess," "Emperor" and "Orange Gem." Another Totty exclusive is Shasta Daisy "Totty's Special," of outstanding size. As promised last year, Roses are now in more plentiful supply.

Thank you sincerely for your continued patronage. Good luck with your Freedom Garden.

Helen M. Totty

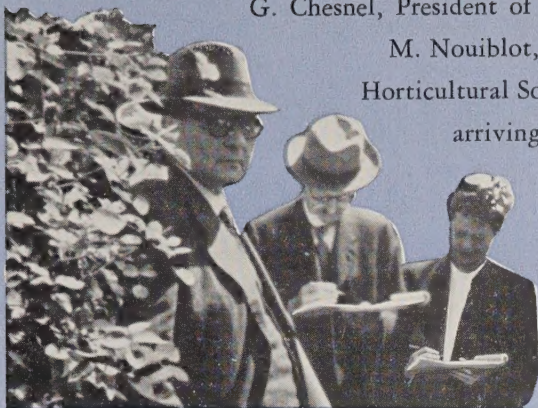


ADDRESS ALL CORRESPONDENCE TO:

Totty's

RIDGEDALE AND CENTRAL AVENUES, MADISON, N. J.
Phone MADISON 6-0369

G. Chesnel, President of the French Rose Society,
M. Nouiblot, President of the National
Horticultural Society and Helen M. Totty
arriving at an important decision.



The jury in action . . . Bagatelle Rose
Gardens, Paris—June, 1947.



Camera Notes from the Paris Show

ENGLISH IMPORTATIONS — NOVELTY INTRODUCTIONS FOR 1948



Emperor

Price: \$1.00 each, \$10.00 per dozen

Duchess—A decorative rose-pink with silvery reverse. The edge of the petals curl considerably making it most attractive. The center of the flower is creamy pink and deepens out to the edge of the petals to rose-pink. Reflexed in type. Height 3 feet. Flowering late September.

Emperor—Large flowering decorative. Reflex type. Rich henna or dark rose with gold reverse. Best disbudded. Excellent foliage. Height 3 feet. Flowering time October 15th to 20th.

Orange Gem—A tightly incurved commercial of clear orange bronze with nice dark leathery green foliage. An extremely strong grower and has the added advantage of holding the color in the flower for a very long period, and does not shatter at any time. Height 3½ feet. Flowering time October 15th to 20th.



Duchess



Orange Gem

DE PETRIS NOVELTY INTRODUCTIONS FOR 1948

Price: \$1.00 each, \$10.00 per dozen

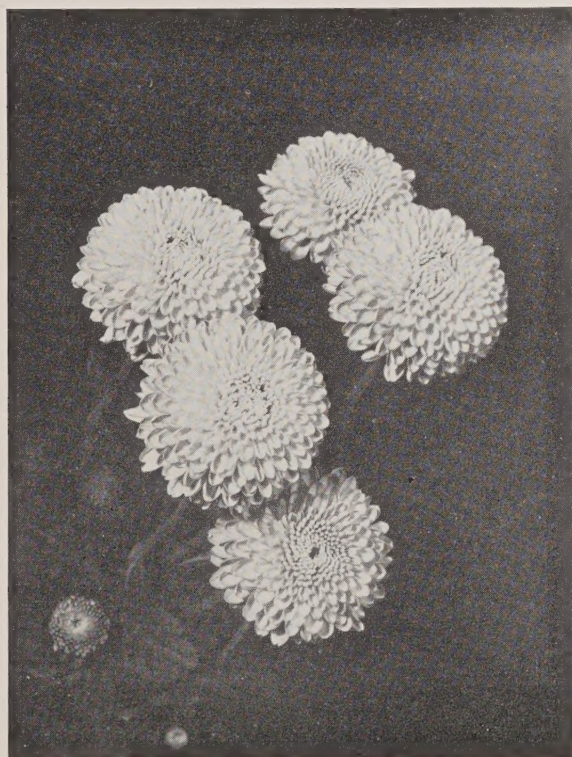
Pimalia—A very tight quilled Pompom of soft lavender pink. Flowers of medium size on plants about three feet tall. If disbudded, flowers are better placed on the sprays and are larger, than if permitted to grow naturally. Excellent foliage. Flowering time November 5th to 10th.

White Coreopsis—We have given this variety an unusual name, for a Chrysanthemum, because it has very large flat petals, reminding one of "Coreopsis." It is a Single in type and glistening white in color. Can be grown either disbudded or in sprays and its three rows of petals makes it a very fine keeper and shipped.

Pemrova—Dubonnet red in color. A very large flowering Pompom tightly quilled like a Dahlia. Height 30 inches. Flowering time November 10th to 15th.



White Coreopsis



Lavender Maid

Mandarin—Very tightly quilled Pompom Dahlia type. True Princeton orange in color; differing from "Princeton" in, that it has smaller ball shaped flowers, while the original is flat in form. Nicely branched sprays on long stiff stems with deeply indented dark green foliage. Blooms October 25th to November 1st. Height 3 feet.

Lavender Maid—The individual flowers are larger than "Pimalia" and much deeper lavender in color. Compact quilled Pompom Dahlia type of flower. Tall grower, very well branched. Matures November 15th to 20th. Height 3½ feet.

BRISTOL'S NOVELTIES and RECENT INTRODUCTIONS



"Bokhara"

THE MOST BRILLIANT MUM OF ALL

Carnival (37-45 CPK)—Conspicuously distinct among its garden companions throughout the long 'Mum season is this gay newcomer. "Glowing burnt orange" best describes the play of bronze, red and golden bronze shades; literally, it gleams.

The full double blossoms, $3\frac{1}{2}$ inches across, carried on long, slender, nicely branched sprays are perfect for cut arrangements; the heavily branched plant amazingly free and productive. Inheriting from its Nipponicum lineage, *lusty dark green foliage carried right down to the ground*, the plant alone is a garden ornament. In full bloom October 10th. Height $2\frac{1}{2}$ -3 feet.

Carnival, we feel sure, will be another "all time favorite"; the brightest thing in the fall garden. **Price: \$1.00 each, \$10.00 per dozen.**

Bokhara—A plant of soft carmine and wine shades brings to mind the exquisite loveliness of the far famed rugs of Bokhara, hence its name. A variety exceptionally hardy, disease resistant plant with full double, perfectly formed flowers carried on stiff, well branched stems withstanding all weather conditions. Matures October 10th. Height 2 feet. **Price: 75c per plant, \$7.50 per dozen.**

Fred F. Rockwell (Patent Applied For) — The most gorgeous blending of bronze and orange-scarlet tones ever seen in a pompon. Amazingly prolific, the strong, branching 2-foot plants often carry 75 or more symmetrically perfect flowers to a single spray, several sprays to a plant.

Without a growing fault, the plant is a thing of beauty in its lusty, vigorous appearance. In full flower early October, it is remarkably frostproof, resisting November storms and retaining its full brilliance long after many others are destroyed. **Price: \$1.00 per plant, \$10.00 per dozen.**

A BLENDED BEAUTY FOR 1948 GARDENS

Mellow Glow (16-45 CNK)—Mellow indeed is this matchless suffusion of soft orange buff, peach pink and bronze nasturtium tints. Briefly, it is a "bronze with personality" and by far the most appealing 'Mum we have seen in its color.

Again the Nipponicum ancestry has contributed a sturdy, upright growing, rich green plant with an abundance of $2\frac{1}{2}$ -3 inch full double blossoms on well branched sprays. In full bloom October 5th. Height $2\frac{1}{2}$ feet. Cuts beautifully. **Price: 75c each, \$7.50 per dozen.**

White Wonder—The perfect early flowering white garden Pompon in full flower September 25th. The exquisitely formed, ball-shaped blossoms with broad petals first open creamy white then as the flower matures it is a clean crisp white but lovely at all stages. Plant 3 feet in height is husky and tremendously free flowering in growth. **Price: 75c per plant, \$7.50 per dozen.**

STANDARD VARIETIES EXHIBITION CHRYSANTHEMUMS

Price: 50c per plant, \$5.00 per doz., \$35.00 per 100, except where noted

Barbara Phillips—The color is a fine glowing yellow reflexing variety without any faults whatever and will be a serious competitor to "Yellow Majestic" if it does not displace it entirely. Our best bud was that taken on August 15th. Height, 5 feet.

Bronze Turner—A light bronze variety of the popular "William Turner," identical in every way except color.

Dr. T. N. Leslie—A reflexing Oriental Chrysanthemum of dark Indian-red with rather broad petals. Quite unusual in color and distinct in growth. Dwarf in habit but its large, full flowers are ideal for exhibition purposes. Select first crown bud after August 20th. Matures about October 25th. Height, 4 feet.

Dr. J. M. Inglis—A rich wine purple Amaranth with a silver reverse. The petals are loosely incurved. November 1st.

Dark Pink Orchid Queen—Mauve-pink sport from Orchid Queen with the added attributes of increased vigor in both plant and flower. Color of flower much deeper than the original Orchid Queen and quite a little larger and more fully rounded. This variety will soon take a prominent place in the list of good Standards.

Golden Majestic—A pure glowing golden yellow, sport of the ever popular "Majestic." Buds taken August 25th. Height, 4 feet, November 1st.

Grace Sturgis—An enormous flower of rich wine red with a pinkish silver reverse. Should not be fed freely. Crown bud August 25th. October 20th.

Harvest Moon—Bright yellow incurved Chrysanthemum. Extremely large in flower, blooming in late October. Very strong erect stem holding the flower without support. Last crown or terminal bud gives best results. Height, 4½ to 5 feet.

Henry Woolman—Frequently called Crimson Majestic on account of its style of growth, being reddish crimson with a gold reverse. The large flowers are of good texture, and attain a height of about 5 feet. Early crown buds after August 10th, we have found best for our particular purpose.

J. R. Booth—This is the golden yellow sport of Nagirroc which is too well known for further description. Height, 4 feet. Crown bud August 26th. Matures October 28.

Kate Smith—A large flowering reflexed exhibition Mum of brilliant chestnut crimson with gold reverse, borne on heavy stiff stems. Heavy dark leathery foliage. Take bud August 1st to 10th. Matures November 1st. Height, 5-6 feet. **Price: \$1.00 per plant, \$10.00 per dozen.**

Lady Knox—A most delicate shade of mauve-pink with extra large, long, drooping petals, and about the finest variety ever introduced in this particular color. Growth, foliage, and flower stem are perfect, and one of our leading exhibition types. Take first crown bud after August 15th, maturing about November 1st. Height, 4½ to 5 feet.

Louisa Pockett—Color purest possible white. Flower, stem and foliage are alike enormous. Plants need plenty of room to develop. Height, 5 feet. October 28th.

Majestic—Clear, shiny amber bronze, a very brilliant shade of color, and a most attractive variety. November 1st.

Marian H. Uffinger—Color is a dazzling bronzy crimson with a gold reverse. Bud August 20th to 25th. Height, 4 feet.

Mrs. B. D. Spilman—An apricot-orange. The rich color, and graceful reflexing petals impress one very much. Bud August 20th. Height, 4 to 5 feet. October 28th.

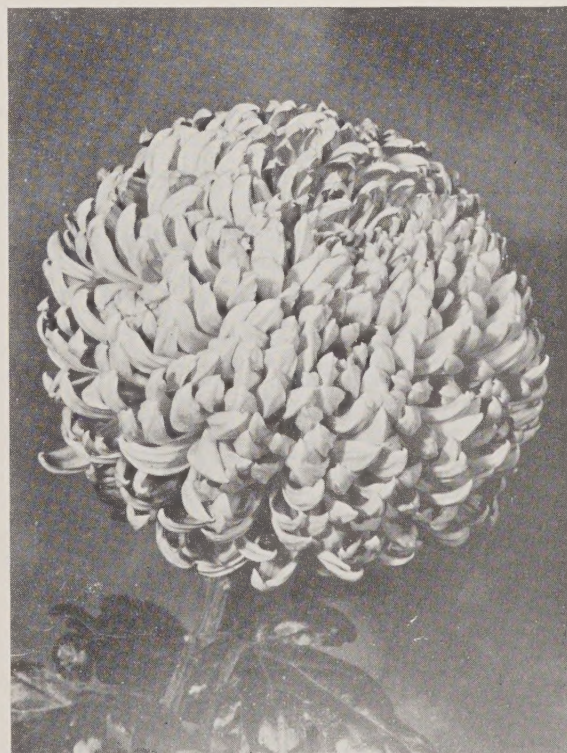
Mrs. Yehudi Menuhin—A large, solid flower varying in color and form according to treatment and bud selection. At all times it has an extremely individual petalage. Early buds will give blooms of orange bronze suitable for exhibition and the later buds give very fine flowers of bronze to chocolate-crimson in color; a most desirable variety for any purpose. Bud August 25th onwards gave best results with us. Variety matures about first week in November.

Red Majestic—The novelty bronzy-red sport of the popular "Majestic" is highly recommended. It resembles the parent plant in all respects, except color. Height, 4 to 5 feet. Take first bud after August 25th. Matures November 1st.

Thos. W. Pockett—This is a lovely clear pink with incurving tips, which has in its color every desirable attribute. We suggest a late bud the last days in August to give a perfect flower and color. Height, 6 feet. November 1st.

Vermont—A most welcome addition to our exhibition list of pinks. The flowers are of enormous size. Bud August 1st to 15th. Height, 5½ to 6 feet. October 28th.

Yellow Wm. Turner—A light yellow sport from Wm. Turner; identical with its splendid parent in every respect. November 1st.

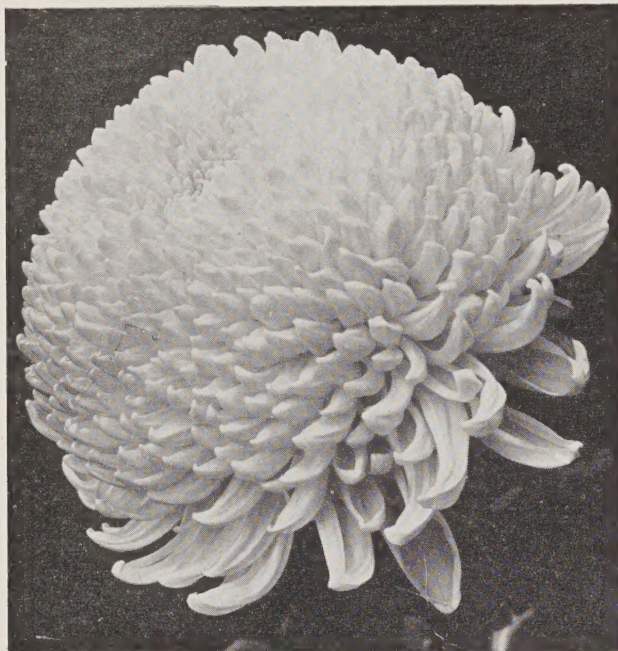


Dark Pink Orchid Queen

COMMERCIAL CHRYSANTHEMUMS

Commercial Chrysanthemums are grown for the cut-flower market and Florist trade. The earliest of these, such as Silver Sheen, Hilda Bergen, Lustre, etc., will flower satisfactorily in the garden for amateur growers. When grown outdoors we cannot guarantee them to be entirely hardy, so we would suggest that after flowering, the roots be lifted and carried over in a cold frame or root cellar until the following spring.

Price: 50c per plant, \$5.00 per doz., \$35.00 per 100, except where noted



Spartan

Anaconda—Large incurved exhibition Chrysanthemum of coppery red shaded bronze. The foliage and stem are perfect. This variety does best on a terminal bud and matures about November 10th to 15th. Height, 4½ to 5 feet.

Cambria—Large bronze, Commercial greenhouse type. Closely incurved. Height, 5 feet. Matures November 5th.

Detroit News—Golden bronze, October 25th.

Garnet King—This is one of our very good commercial varieties, exactly the same color as the old Harvard, a very deep velvety red, but a much larger flower. Terminal bud maturing November 15th gives the best color. Height 2½ feet.

Gladys Pierson—Apricot orange, flowering about November 25th. Take bud September 30th.

Hilda Bergen—Deep rich mahogany bronze, October 25th.

Improved Tobin's Yellow—Lemon yellow, incurved. Maturing December 15th.

Indianapolis Bronze—A buff-bronze incurved Chrysanthemum, flowering November 8th.

Indianapolis Pink—Deep lavender, incurved, flowering November 8th.

Indianapolis White—A pure white, incurved. A duplicate of the Pink in every way except color.

Lustre—Beautiful shade of lavender pink, October 15th.

Marie de Petris—A wonderful incurved commercial variety of intense yellow, deeper in color than Golden Glory. Foliage right up to the flower. November 15th.

Marketeer—White; one of the best known of the commercial market varieties. Flowering November 18th.

Monument—Pure white and one of the best Chrysanthemums for shipping.

Mrs. H. E. Kidder—A very popular early bright yellow; stiff, upright stem. Flowers 7 inches in diameter by October 15th from buds selected August 25th. Height, 4 feet.

Oak Leaf—A standard reddish bronze variety, flowering November 25th. Reminds one very much of the coloring of the oak leaves in the fall from which it derives its name.

Penrod—Golden yellow variety, flowering November 10th.

Silver Sheen—A pure white variety, medium in height. Flowering October 20th from bud selected August 30th.

Smith's Late White—Standard variety of ivory white, maturing December 15th.

Spartan—Pure white Commercial, flowering in early November. Height 4 feet. **Price: \$1.00 per plant, \$10.00 per dozen.**

Sunglow—A bright yellow like Major Bonnaffon, October 10th.

Yellow Gladys Pierson—Clear yellow sport of the popular Gladys Pierson, "blooming for Thanksgiving." November 15th onward.

CASCADE CHRYSANTHEMUMS

These are the very small type of Chrysanthemum used for many years to grow specimen Standards. They can also be grown most successfully outdoors since they flower in late August and are very dainty as cut flowers for the home. However, they are entirely too small and fragile for long distance shipping, so would not be suitable where one wishes to ship flowers any great distance. As a spot of color in the garden to intermingle with the larger flowering types or to private estates where one wishes to grow specimen "Cascades" or individual Standards, they can be strongly recommended. **Price: 50c per plant, \$5.00 per dozen, \$35.00 per 100.**

Improved Jane Harte—A very much decided improvement on the original Jane Harte that we have known for many years. The flowers on the improved variety are much smaller but more compact and luxuriant in every way. Where one is looking for a very close growing variety for Cascade work in a lovely shade of yellow we very heartily recommend "Improved Jane Harte."

The Real Mackay—A pink Cascade Chrysanthemum in an enchantress shade of pink, a really outstanding variety and one that attracts attention in the garden or greenhouse it is such a pleasing shade of pink. This decidedly handsome subject has been greatly needed in this type of Chrysanthemum.

STANDARD ANEMONE CHRYSANTHEMUMS

This type of Chrysanthemum is becoming increasingly popular—where novelty forms are desired. Many of the earlier flowering types give excellent results in the garden—though we do not guarantee them to be absolutely hardy.

Price: 50c per plant, \$5.00 per doz., \$35.00 per 100

Autumn Star—A small spray Anemone suitable for garden or greenhouse work. Clear snow white in color, and extremely free flowering. Maturing about October 10th. A dwarf growth with excellent foliage that has been the outstanding variety in our greenhouse this year, and is suitable for both cut flowers and pot plant work.

Bob White—A small white Anemone which will finally take its place at the top flight as a very special variety for exhibition work. Excellent in size, magnificent in form. A very lovely grower and most attractive in every way. Flowers October 15th.

Bronze Tuxedo—A lovely rich bronze of the very popular Tuxedo, maturing November 1st.

China Rose—Splendid variety of the Anemone type. The color is Dragon's blood red. The growth is particularly dwarf and robust with foliage carried right up to the flower. November 1st.

Crimson Glow—A true crimson red Anemone with the cushion slightly tipped gold. The flower attains a size of about 4 inches across, growing 8 to 10 blooms to a plant. November 5th.

Dark Pink Frieda—A lovely shade of spinel pink with pale yellow cushion. A delightful contrast. A duplicate of the original "Frieda" in every way except color, which is a lovely deep rich shade. Should be extremely popular. In full flower November 1st.

Elizabeth—A splendid light pink, on the order of Tuxedo, but with higher and fuller center. The largest flower of its type. October 28th.

Estrelita—Bronzy orange Anemone with very full cushion. In full flower about November 15th. Height, 3½ feet and a very strong grower. In order to procure good size flowers this variety must be disbudded.

Frances Schoen Park—One of the most exquisite and largest Anemones we have ever had the pleasure of distributing. A dazzling white. Very occasionally the inner cushion of creamy white will be faintly tinged blush. A fine heavy grower of perfect form, unexcelled for exhibition purposes with individual flowers 6 inches or more across. November 1st.

Frieda—A pale pink Anemone with fine contrasting white center. Flowers on strong stems are produced in great profusion. We suggest disbudding on this variety. Height 5 feet. Matures November 1st.

Jeannette—A lovely bronzy-buff sport of "Elizabeth." One of the popular favorites at the recent New York Show, and will eventually find its way into every collection of show exhibitors. October 28th.

Little America—A gorgeous glistening white Anemone growing in sprays; very lovely and unusual. November 1st.

Moonlight—A beautiful Anemone of true golden yellow and a good cushion of the same shade of yellow. The plant grows fairly tall, is extremely strong and very healthy. This variety holds its color and is a very wonderful keeper. Flowers about November 1st.

Mrs. John Shields—Beautiful sulphur yellow Anemone with a deeper lemon yellow boss in the center. This variety does not show its true character unless disbudded, but can be grown in sprays, if a person does not wish exhibition type flowers. November 1st.

Nevada—Pure white Anemone with chartreuse green center. Maturing for Thanksgiving. Can be grown disbudded or in separate form with equal success.

Silver Star—A glistening snow-white Anemone, throwing small flowers in great profusion in well-formed sprays. An easy grower and its great productiveness makes it a most desirable variety. November 5th.

Susanne Miller—A golden yellow sport of "Norma," identical to its parent in every way, excepting color. November 5th.

The Titan—Tangerine bronze. A very exceptional color of indescribable brilliance. Wonderfully clean grower, with fine foliage throughout the season. October 25th.

Tuxedo—A lovely shade of Enchantress pink. This variety was grown by the originator for years, but not generally distributed. One of the daintiest shades of color it is possible to procure in Chrysanthemums. November 1st.

White Frieda—The white duplicate of the original "Frieda." Glistening white Anemone with pale yellow cushion. In full flower November 1st.

AZALEA CHRYSANTHEMUMS

This Azalea type of Chrysanthemum has become very popular within the past few years, and we are now in a position to offer the same in the following colors:

My Lady—Fully double, very large orange-yellow. Begins to bloom in August till frost. Height, 18-24 inches.

BRONZE RED WHITE PINK

These plants begin to flower early in August and continue to do so throughout the Fall months. They are low growing, and bushy in type, never attaining a height of over 15 inches but are very showy in places where color is desired in the early Fall.



Types of Anemone Chrysanthemums

Tolly's

STANDARD VARIETIES—SPOON—FEATHERY, SPIDERY, THREADLIKE

Price: 50c per plant, \$5.00 per doz., \$35.00 per 100, except where noted



Celestial Beauty

Brilliance—Bright maize tubular petals opening at the tips to a gleaming grenadine-red. Fine erect flowers in a most unusual color for Chrysanthemums. Grand grower and will be talked about for many years to come.

Cathay—A very beautiful, large flowered Spoon variety. The petal is a lovely shade of old copper with a very brilliant red spoon or tip. The flowers of this variety resemble in form and character the Oriental or Threadlike type. It is in full bloom with us about November 15th. **Price: 75c each, \$7.50 per dozen.**

Chop Stick—A very lovely, full flowered Spoon variety which also greatly resembles the Oriental type in character. Its broad petals are of a brilliant gold with a rich henna-red spoon. We found it to be a fairly tall grower and a most unusual variety. Will be in full bloom by November 12th.

Dainty—A soft pleasing pink.

Dierdre—A very novel double Spoon Chrysanthemum with flowers two or three inches across of deep raspberry-pink tipped silver. These plants attain a height of about 18 inches and are ideal for solid bed or pot plant work. Their bright yellow center contrasts beautifully with this very unusual shade of flower. Very prolific in growth.

Elizabeth Gordon—Deep burgundy red with quilled petals which open at the tip to form a rich crimson spoon. The individual flowers are about $2\frac{1}{2}$ inches across produced on long graceful sprays. A most decorative variety, maturing November 10th. Height $2\frac{1}{2}$ feet. **Price: \$1.00 per plant, \$10.00 per dozen.**

Grace—Soft canary yellow.

Jasper Spoon—A very unusual shade of crushed strawberry pink at the tip with lighter pink tubular center.

Luana Patten—One of the handsomest of the recent Spoon introductions. Flowers are produced on graceful sprays with short, brilliant red quills, opening to a very broad old gold spoon on the tip. The individual flowers are about 3 inches across and the reverse side of the petal is of exceptionally brilliant color. An excellent cut flower and particularly suitable for arrangement or decorative work. Matures November 10th. Height 3 to $3\frac{1}{2}$ feet. **Price: \$1.00 per plant, \$10.00 per dozen.**

Pink Spoon—A bright, pleasing shade of pink in the tubular petals with the edges a deeper shading where the spoon opens. Height 18 inches.

White Spoon—A dazzling white with no shadings whatever.

Yellow Spoon—A bright buttercup yellow.

Celestial Beauty—The quilled petals are amaranth with the spoon tips opening to a stunning shade of Dubonnet. A tall grower averaging about 40 inches in height. This variety must be disbudded to single stem 3 or 4 flowers to a plant for best results. The flowers average about 7 inches across. Matures November 15. **Price: \$2.00 per plant; \$20.00 per dozen.**

Chung King—Salmon bronze with yellow reverse—flowers about 3 inches across produced in graceful sprays. Small spoon of deeper salmon pink at edge of petals. Resembles "Threadlike" type of Mum. Rather a tall grower, excellent for disbudding. Flowering October 25th. **Price: 75c each, \$7.50 per dozen.**

Fugi (The Wisteria)—The largest of the entire set; pale lavender in color. November 15th.

Mamoru—A dark orange quilled Chrysanthemum, increasing in depth of color towards the center. Fine, strong stem and abundant foliage. Of fine keeping quality. Medium height. Matures October 30th.

Ohkwan—Fine tubular petals of rich lemon yellow growing on strong stems with excellent foliage. One of the older varieties in the Spidery Type but maturing around November 1st.

Oriental Knight—Rich garnet red, spoon very full, flowers fairly broad, petals with small spoon of same shading at the tips. Closely resembles Feathery type in habit of growth. Rather a tall grower. In full flower November 20th. **Price: \$1.00 per plant, \$10.00 per dozen.**

Unique—A flower that is well named for it is the most unique Chrysanthemum we have to present to our customers. The color is rich wine red and the thin quilled petals stand stiffly out from the center of the flower making it the largest of any spidery variety introduced. A tall grower, and for this reason should be planted late.

Virginia—Clear deep yellow with long quilled petals which open at the tips and reflect to about twice the width of the petals on the balance of the flower. Can be either disbudded to make large individual flowers, or grown in sprays. Grown either way, it is most attractive. November 20th.

HARDY GARDEN SECTION

This colored illustration will give our customers an idea of the different types of Hardy Chrysanthemums that can be successfully grown by the average amateur. They vary from the small Baby Pompon type to the large Early Flowering sorts, with the Improved Pompons, Northland Daisies, Korean Daisies, and Single Chrysanthemums listed as well.

Where the selection is left to us (AND WE WILL MAKE AS VARIED A SELECTION AS POSSIBLE) we will be pleased to make a special price of:

25 PLANTS—\$7.50

50 PLANTS—\$12.00

100 PLANTS—\$20.00



HARDY GARDEN SECTION

Price: 50c per plant, \$5.00 per doz., \$35.00 per 100, except where noted



Red Velvet

Apricot Glow—The first Cushion Mum to show color. Plants are covered with shapely high-centered double blossoms, 2½ inches across, from mid-August to frost. Height, 18 inches.

Burgundy—A gloriously rich red color, quite a little brighter than The Moor. Beautiful form. Very strong grower and freely produces very fragrant blossoms which are equally striking in the garden or when used as a cut flower. Height, 2½ feet. Flowers October 5th.

Caliph—The finest velvety red double Korean Chrysanthemum introduced to date. Flowering October 8th, height, 2½ feet.

Cydonia—A very bright reddish-bronze double that created quite considerable comment this year from visitors. In flower October 10th.

Chas. Nye — Rich buttercup yellow, large rounded double flowers, with individual flowers about 3 inches across when fully matured. Coming into bloom about September 24th.

Chippewa—Brilliant aster purple, large double flowers, slightly incurved. Coming into flower about September 4th, making it one of the most popular of the early garden varieties.

Ember—One of the new double Korean Hybrid introductions of 1937. Large double flowers of a true bronze with double flowers 2½ inches in diameter, flowering the middle of October.

Fireglow—Oriental red changing to a nice bronze-red. A stunning bit of color for mid-September on tidy, compact 18-inch plant. Extremely hardy and at its best the second year after planting.

Harry Brown—An extremely early flowering pompon coming in late September. Rich, golden orange with darker shadings of reddish bronze.

Jean Treadway—Sparkling pink with a deep rose-pink center, which develops as the flower advances to a soft lilac shade. Individual flowers about 3 inches across, maturing about September 30th.

Judith Anderson—A small Pompon of rich golden yellow, maturing October 15th. On account of its early blooming date should be exceptionally popular for growing outdoors.

Lavender Lady—A very handsome flowering outdoor Chrysanthemum of true lavender color. Strong, free flowering, handsome variety. Height 2½ feet. In full flower October 8th. With a yellow variety makes a most glorious combination.

Maroon N° Gold—Bright mahogany shaded maroon flowers with golden reverse. Individual flowers about 4 inches across. Coming into flower in late August.

Miss Scotland—Color clear good white. An excellent pot plant. Can be disbudded or grown in sprays with average flowers about four inches across. This fine, dwarf growing variety has very good foliage and is one of the best introductions in pot plants in many years. Height 18 inches to 2 feet.

Mme. Chiang Kai-shek (Patented) — Beautifully formed flowers, fully double, composed of stiff petals able to withstand any and all bad weather. We consider it one of the finest Chrysanthemums in our collection. A magnificent plant, in full flower in September, often showing blooms in late August.

Price: \$1.00 each, \$10.00 per dozen.

HARDY GARDEN SECTION (continued)

Price: 50c per plant, \$5.00 per doz., \$35.00 per 100

Mrs. Pierre S. DuPont III—It is very difficult to describe accurately this variety. The dominant color is rosy-salmon combined with bronzy-tan and iridescent gold tints. Full double flowers four inches across are absolutely flawless since they never show an open center and are entirely frost resistant. A very vigorous grower branching 2½ feet across and carrying a dozen flowers and buds to a spray. In full flower early in Oct.

Pale Moon—A delightfully fluffy sulphur-yellow, large flowering Chrysanthemum. Very free flowering and a "must have" for color blends. Flowers October 15th.

Pink Radiance—From late September on, plants are exuberant mass of color, carrying hundreds of blossoms 3 inches or more across. The color, luminous pink, soft pink at the center, is unlike any other kind. The color holds well. Like its namesake, the *Radiance* Rose, it is sure to become a favorite garden variety. Height, 2 feet with equal spread.

Polar Ice—Pure white. Clear ice-white, very free flowering, 3 inch flowers, double. Flowering date September 9th. (Lehman Gardens)

Pomponette—Particularly suited for pot culture. Dwarf, compact plant not over 15 inches in height; flowering about September 20th. Warm bronze in bud state but finishes a clear, primrose yellow.

Redwood—An early flowering, deep velvety red Pompon maturing the middle of September. Height 18 inches.

Red Velvet—A glorious crimson. Red Velvet would be a perfect variety since it has both the clean growing habit of Mrs. duPont combined with the rich color of Caliph. Shapely, full, double flowers of medium size carried erect on long stiff stems. When first opening the variety is velvety crimson, changing as it matures to an even dark crimson which does not fade

but remains attractive for a remarkably long period. Healthy dark foliage. Height, two feet and is in flower in early October.

Price: 60c each, \$6.00 per dozen.

Robert Bryden—One of the University of Chicago's introductions. A dark garnet red, large double flowers maturing in late August. A low growing type not over 18 inches in height at maturity.

Rose Glow—Lovely rose-pink blossoms in large sprays. 2 feet tall. Spreading. September 30th.

Ruth Hatton—Very vigorous prolific Chrysanthemum with ivory-white flowers. In full bloom October 10th. A splendid variety.

R. Marion Hatton—Splendid deep yellow decorative Pompon that flowers very freely and is one of the earliest to come into bloom. Extremely hardy.

September Bronze—The warm bronze and golden-bronze tints of Autumn are beautifully reflected in about the shapeliest little Pompon blossoms one can picture, produced in great quantities. It is a remarkably robust plant, too. Most colorful early variety to date.

September Cloud—Like "September Gold" in habit, the ball-like blossoms a trifle larger. Purest ivory-white with soft Primrose shading in center, and wonderfully fine dark green contrasting foliage. Breathtaking in its gleaming perfection. A very fine white Pompon.

September Gold—Brilliant golden-yellow blossoms, trim and neat, twenty-five or more to a spray completely cover the shapely, well-rounded plants by mid-September and go on and on until the season's end. Colorful mounds, eighteen inches in height, much wider, the first season. Immensely prolific and somewhat earlier in succeeding years. A real advance.

KOREAN CHRYSANTHEMUMS

Price: 50c per plant, \$5.00 per doz., \$35.00 per 100, except where noted

Apollo—Dazzling orange. A grand sort.

Mars—Velvety crimson.

Niobe—A vigorous healthy plant of dwarf compact habit, flowers over 2½ inches in diameter, clear, glistening white with yellow disc are freely produced fully covering the plant.

Sappho—Compact dwarf plant covered with good size pure yellow single flowers.

Saturn—A very vivid orange bronze single Chrysanthemum with a soft orange halo surrounding the golden

yellow center. A true autumn color-effect. Flowers of excellent texture, about 3 inches across, produced in graceful sprays.

Venus—Color lilac-pink with rose-lavender shading. Flowers single, 2½ inches across, with three or four rows of petals. Remarkably free flowering, maturing in late September. Will appeal to those who like lavender and lilac tones in the garden. Delightfully fragrant. Height, 2½ feet. October 1st.

Vesta—A plant of medium height and great vigor literally covered with flowers over 2½ inches in diameter of a deep golden orange shade, almost a duplex.

NORTHLAND DAISIES

Many years of cross-breeding on the tough little Arctic Daisies from northern Europe produced these absolutely winter-proof Chrysanthemums, with their handsome leathery leaves of dark green. Beautiful symmetrical plants that are a pleasure to behold even when not in flower. As they flower very early in the season, they are rapidly surpassing other early flowering types.

Price: 50c per plant, \$5.00 per doz., \$35.00 per 100

Astrid—Color: soft pink shaded apricot with yellow centers. Flowering October 1st.

Beowulf—Lovely shade of dark bronze. In full flower October 10th.

Igloo—A perfect globe of pure white Daisy-like flowers in your garden. Flowering October 5th.

Kristina—“Extremely deep Rose-pink” is what the introducer calls this color. We would call it almost a true purple and a most unusual shade in the Fall garden. In full flower October 10th.

Loki—A very intense deep Rose-pink. Quite a dense grower of medium height, flowering October 18th. About as near to a purple Chrysanthemum as we have ever seen.

Nibelung—Coral red flowers about the size of a fifty-cent piece, with large yellow center. Very striking. Flowers October 15th.

Norseman—Henna-orange of very fine substance. A very dense grower, quite dwarf in growth. Flowering about October 25th.

North Pole—Coppery red. A very fine cut flower variety, flowering October 15th.

Siegfried—Large sulphur-yellow. In full flower October 12th.

South Pole—Golden yellow double Pompon. Quite a tall grower, but coming into flower, as it does, October 15th, will be quite popular for this reason.

Valhalla—A velvety deep garnet Northland Daisy with open center, as is descriptive of the type. Makes a large plant and has very fine foliage. We recommend pinching this variety for best results. Matures October 15th.

Iceiland—Creamy-white semi-double dwarf Northland Daisy. Should be in great demand for fall gardens. Height, 18 inches. Flowers October 15th.

Labrador—A very beautiful shade of Rose-pink with lighter shadings on the edges of the petals. A dwarf variety not attaining a height of over 18 inches. Flowers October 15th.

Yukon—Brilliant bronze semi-double dwarf variety. Height, 18 inches. Flowers October 15th.

D & P 'MUM FOOD

A RELIABLE FOOD FOR
PRODUCING SUPERB BLOOMS

This special food is a trustworthy, effectual chrysanthemum manure for the development of large, symmetrical, richly colored blooms. It contains every manurial element required for the gradual building up of hardy growth, strong stems and the finest quality blooms.

Chrysanthemums require slightly acid, rather rich soils. They are heavy feeders and need generous amounts of all three plant food elements in proper balance. Fibrous loam, in which is incorporated rotten manure, and a 5 inch potful of Dapconure to a barrow of soil, makes an excellent compost for filling in the benches. When plants are well established a top dressing of D & P Mum Food at the rate of 1 pound per 10 square feet every two weeks will assure healthy development of stems, foliage and flower. Some gardeners have had good results from the use of peat moss as a mulch.

D & P Mum Food has been used by leading horticulturists for more than two decades as their favorite food for producing superb blooms. **Sold in 100 lb. bags. \$8.50.**



Types of Northland Daisies

SINGLE CHRYSANTHEMUMS

These varieties are usually grown in sprays for cut flower purposes although they are extremely decorative in the garden.

Price: 50c per plant, \$5.00 per doz., \$35.00 per 100, except where noted

Apricot Valencia—Apricot-buff sport from Dark Pink Valencia with growth and formation identical with the parent variety. Color distinctly new in the single groups and a favorite variety with the retailers.

Aurora—A rose-red single with lighter reverse and petals which curl up showing the lighter shading to advantage against its heavy yellow center. Large sprays flowering in late September. Height 18 inches.

Bittersweet—Medium size, orange-red daisy, blooming normally about November 8th. It retains its brilliance until fairly matured. Individual flowers have 3 to 4 rows of stiff broad petals that give the flower a fresh attractive appearance at all times. Its striking color is set off by its dark green glossy foliage quite individual in color and should be very popular.

Brocade—Lively cameo pink daisy, blooming November 15th. Very vigorous grower, medium to tall in height and the strong stems develop large well-branched sprays. The ideal mid-season pink single.

California Yellow—A very lovely single variety of brilliant bright yellow. An extremely vigorous grower coming into flower October 12th.

California Bronze—A lovely soft bronze daisy on the order of the "California Yellow." Flowering as it does early in September, it will prove one of our most popular outdoor sorts.

California Red—Blood-red Single of medium size, flowering in early October. A fine companion for California Yellow and California Bronze.

Carnelia—A very late single red of robust growth and excellent substance. It requires no disbudding and matures the first of December, or a week or ten days later than Valencia.

Caroline Robbins—When first opening the flowers are deep mallow-pink and gradually develop into lilac-rose. The very broad petals of this flower much resemble a double Cosmos.

H. Marie Totty—A brilliant crimson, with scarlet shadings. November 1st.

Improved Grenadier—Most easily described as a greatly improved Red Rover. A striking brilliant red with clear gold reverse, and every petal reflexing to show the color to the best advantage. One of the finest singles of the entire collection.

Invincible—An exceptionally large deep crimson with bright yellow zone around the center disk. The tips of the petals curl back, making a very refined flower.

Jennifer—Beautiful large yellow Single with dustings of rich carmine-red. Very heavy flowered type. Quite a tall grower and does best when disbudded. Matures November 15th.

Kalowa—White duplex single, maturing October 30th. A splendid variety for this season. Grow in sprays.

Linda—A large, clear, buttery yellow single, that holds its color at all times. Well branched, medium grower and prolific bloomer. Does better in sprays than disbudded. Matures November 5th-10th.

Margaret W. Wanner—Cadmium orange, suffused deep amber bronze. October 25th.

Melba—A brilliant bronzy red of exceptional merit. Nov. 1st.

Meta Bergen—Color is a brilliant Pompeian red and flower carries several rows of petals. It is a splendid keeper.

Miss Isabelle—Bronze with a silvery reverse to the petals. November 5th.

Mrs. E. D. Godfrey—Light pink, very finest variety, for Thanksgiving market. November 15th.



Brocade

Mrs. James S. Kelly—Blush white with pink lilac shadings. Handsome grower and one that is well received.

Prince Charming—Exhibition single of soft yellow with gold shadings. When disbudded will produce flowers at least 6 inches across.

Red Rover—This variety is a marvelous crimson with gold reverse on the petals, and a deep gold center. The individual flowers are six inches across and the most glowing shade of rich crimson-orange in color. October 30th.

Sarong—Very fine scarlet crimson, mid-season variety in single type. Flowering December 15th.

Sunkist—Intense golden yellow single flowering about December 20th for Christmas season. Excellent for late planting.

Sonia—Exhibition pink, blooming quite a little ahead of Valencia, but slightly deeper in color than this variety, and its broad petals and rigid habit of growth make it an ideal pot plant.

Stewart Smith—This is the white single that made such a wonderful record for itself in the exhibitions of the East. Good white singles are scarce, so this will be a welcome addition to the very small list now existing.

Valencia—A beautiful shade of Valencia pink without a single trace of magenta, one of the loveliest singles ever introduced. Flowers measuring over 4 inches across. Flowers November 1st.

White Godfrey—Pure white single. The white form of the original "Mrs. E. D. Godfrey." Excellent for late November cutting.

Yellow Godfrey—Pure yellow form of the original "Mrs. E. D. Godfrey." Lovely clear yellow with a bright gold center and an excellent variety for Thanksgiving work.

POMPON CHRYSANTHEMUMS

Frequently Known As the Button Type . . .

Price: 50c per plant, \$5.00 per doz., \$35.00 per 100, except where noted



Lakme

Beatrice—A very lovely clear, canary yellow. A ball shaped Pompon with quilled petals serrated at the edges. A very compact flower, very handsome in every way.

Barcarole—Intense golden yellow Pompon which blooms about Nov. 15th. Habit of growth is vigorous with stiff stems and lovely dark glossy foliage. A very satisfactory variety.

Bright Eyes—Blush pink with bright carmine eye. October 30th.

Calvalcade—Mandarin red Pompon. Maturing December 10th.

Claret—Deep claret wine color. Flower about two inches in diameter. October 30th.

Copper Quill—A sport of "Gold Imperial" with the same excellent growing habits. A good keeper and a fine shipper. The general effect when looking at a spray of these varieties is coppery gold, and the individual petals curl inwardly boat shaped and are deep Indian red. The reverse of the petals curling up, as they do, show very prominently and looks like a shining bronzy copper. Should be one of our most popular varieties. **Price: 75c each, \$7.50 per dozen.**

Cordova—Creamy white, large flowering incurved. Decorative in type. Maturing November 30th. A variety we strongly recommend.

Debonair—Rich crimson decorative Pompon, blooming normally about December 5th. Its symmetry combined with the rich velvety gloss and intense color creates enthusiastic comment wherever shown. In the 1945 National Flower Show in Cleveland it took top honors in seedling competition. Vigorous, healthy growth and long stiff stems are an added attraction for this fine variety.

December Gold—Coloring an intense rich clear gold. Improved Pompon of excellent habit and very free flowering. Matures in early December.

Ember Glow—A tall, stiff, well-branched Pompon of tangerine orange in center, shading to lighter yellow on outer edges of the petals. One of the most popular varieties in the Fall exhibitions. Matures November 5th to 10.

Gold Drop—A true old gold Pompon of medium height, flowering November 1st.

Golden Emblem—A clear yellow Pompon of medium size that matures late November, produced on well spaced sprays. Excellent producer. A very nice clean grower.

Gold Imperial—(Greenhouse Pompon only). This tall, sturdy, improved Pompon Chrysanthemum of brilliant, rich red and gold combination of color matures November 15th to 20th in the greenhouse. The flowers are beautifully spaced on the spray when permitted to grow naturally without disbudding and create quite a little attention at all times.

Improved Rodell—A great improvement on the original variety "Rodell" sent out several years ago. A lovely, clear yellow Pompon that comes into flower October 15th.

Irene — A pure white early Pompon flowering about October 18th. A very fine upright grower.

Irmalinda—Color, old rose with silvery sheen. Flowers about 1 3/4 inches in diameter. It comes into flower around Oct. 25th.

Ivanhoe — A small reddish bronze Mum very well suited for cloth-house culture. Decorative in form — its hard substance gives it unusual shipping quality. The small foliage is carried right up to the bloom and for best results this variety must be disbudded to a single flower. An ideal plant for growing in pots as well as in the bench. Holds its color well and commands a premium price in the market.

Lakme—A glistening small white Pompon maturing November 12. An excellent keeper and shipper, and the lovely flower is enhanced by a chartreuse eye. Habit of growth free and wiry. On account of its high uniform production and quality of its make-up, Lakme is considered one of the finest of early and profitable Poms.

Matchless—Large, solid blooms of great substance. An excellent variety in the white class. Well placed on strong sprays on rigid, straight stems. Normal blooming date November 20th, making it an ideal Thanksgiving flower. A productive and easily grown variety that responds well to all cultural conditions.

Mary Pickford—One of perfect form, petals reflex at maturity nearly to stem, forming a ball of pure white.

Moon-Glo—Butter yellow, large flowering Pompon. Flowering September 15th. Dwarf grower and very free flowering. Extremely hardy.

New York—Bronze seedling from Hilda Canning. Flowers November 1st.

November Glow—Color, warm orange bronze. Medium size Pompon with perfect spray placement and fullness. Maturing November 10th.

Omega—Deep lemon yellow Pompon maturing December 10th. Exceptionally strong and vigorous habit of growth and the flower possesses unusual substance and keeping qualities. One of the top yellow Poms on the market.

POMPON CHRYSANTHEMUMS (Continued)

Frequently Known As the Button Type . . .

Price: 50c per plant, \$5.00 per doz., \$35.00 per 100, except where noted

Oureana—Bronzy yellow Pompon which opens up to deep yellow of medium size, slightly larger than Improved Rodell. Fine stiff grower. Medium in height. Matures November 5th to 10th.

Persian Pink—A magnificent rose-purple Pompon. Very strong grower with the individual flowers beautifully spaced.

Pink Pearl—Small rose-pink Pompon. Maturing October 20th.

Pinocchio—A glistening white button Pompon which can be brought in for early September if grown in a cloth house. Excellent keeping and shipping qualities. A very vigorous grower, taller than Irene, and the spray formation is better placed.

Pixie—Small, bright yellow Pompon, larger in flower than the well-known Nuggets, but an excellent shipper. Grown under cloth can be brought in in late September, but grown normally will not flower before November 10th.

Pot of Gold—Large double yellow Pompon. Very tall grower. Does best when disbudded and matures about October 15th.

Princeton—It is extremely brilliant and resembles the Orange Calendula flower to quite an extent. November 20th.

Red Princeton—Brazil red Pompon, decorative type. Maturing November 15th.

Red Robin—Crimson is rather a scarce color in the Pompon class. Beautiful long sprays with flowers well placed on the stem. Maturing early in November.

Red Rust—A blend of orange red and chrome bronze in color. Clean, uniform and vigorous grower with excellent foliage and well-branched stems. Best adapted to natural flowering. A color that is in great demand and its usual blooming season about November 5th. One of the best of the large flowering Pompons.

Revelation—If you are looking for a quality white Pompon for January market, such a variety is "Revelation." Can be had for Christmas if your market calls for a good white at this time. Can also be held until early February if desired.

Riviera—Luminous pink decorative Pompon blooming normally about Dec. 10th. Maintains its color and form better than most varieties. Growth vigorous, height medium. Flowers well branched on the spray. Matures Dec. 10th.

Robin Hood—Almost identical with Red Robin in color, a very beautiful shade of crimson, a color that is in great demand in the Pompon Chrysanthemums. Long spray of flowers, freely produced on strong stems. Flowers October 28th.

Seafoam—Snowy white, large Pompon of beautiful rounded form. Buds are well placed on long, rigid stems. Extremely well suited for shading or cloth-house culture, flowering November 20th to 25th.

Sea Gull—Creamy white Pompon, coming into flower Oct. 15th.

Snow—A very lovely late flowering ivory-white Pompon of medium height flowering December 25th. For greenhouse growing.

Thyra—A tourmaline-pink, large flowering Pompon. A decided improvement on Persian Rose. Medium height, flowering about November 20th.

Trianon—Reddish bronze Pompon suitable for greenhouse work only. Medium to tall in height depending on the conditions under which it is grown. Of very fine habit and matures November 20th.

Vera Victoria—A splendid Pompon of the very latest size. Color, brilliant glowing bronzy yellow. October 25th.

Vibrant—Rich golden yellow decorative Pompon. Individual flowers about 2 inches across; well branched stems. Fine foliage and habit of growth. Flowers December 10th-15th.

White Doty—A sport of the popular variety. Lillian Doty. October 25th.

Yellow Nancy Crane—A delightful Jonquil yellow Pompon. Nicely spaced on the spray. Individual flowers about the size of a fifty cent piece. Matures November 5th.

Yellow Snow—A deep lemon yellow Pompon of medium height, flowering about December 25th. For greenhouse growing only.



Princeton

Announcement

Of considerable interest to our friends and customers is the completion of a contract with

**ALLWOOD COMPANY LTD.,
Wivelsfield Nurseries,
Hayward's Heath,
Sussex, England**

whereby we are to be their exclusive agents in this country for future introductions of Novelty Carnations for greenhouse forcing and Hardy Garden types.

Many of these varieties are now under test in our greenhouses here in Madison, New Jersey, and customers are invited to call and see them growing in our establishment. The varieties that we consider superior to existing sorts will be ready for distribution in 1949 and full descriptions will appear in our catalog issued in late January next year.

ALLWOOD'S FAMOUS SEEDS

In addition to the plants listed for future distribution, we have seed of the following types of Carnations and Dianthus for sale this year:

CARNATIONS

Perpetual Flowering—The aristocrat of Carnations, flowering continually in the greenhouse.

Hardy Border—Delightful Hardy Carnation with wonderful form and coloring.

Allwoodii—The Perpetual Pink which flowers from spring to winter.

Allwoodii Alpinus—Perpetual Dwarf Alpine Pink for paving, walls or rockery.

DIANTHUS

Dianthus Sweetness—Produces abundant trusses and gloriously fragrant flowers in outstanding shades from crimson to white, flesh pink to deep salmon, and scarlet to ruby red, in fact every color except yellow. Ideal for cutting and garden decoration.

Dianthus Delight—An extremely floriferous Hardy Annual. Short, erect growth of wonderful range of colors from soft pink to crimson.

Rainbow Loveliness—A new, multi-colored Hybrid, beautifully perfumed.

No Name Dianthus—A bewildering selection from Novelty Trial grounds. You may get all sorts of beautiful and novel varieties. A strictly limited supply.

Blue Dianthus—A Perennial Blue Sweet William, a most delightful acquisition. Color bright lavender blue. Individual flowers are small but form in clusters and are very showy against the foliage of attractive green. Height 12 inches. Flowers over a long period.

Sweet Wivelsfield Single—A popular favorite in a marvelous range of colors.

Sweet Wivelsfield Double—The double form of the above.

Price: Trial Packets 50c each, Larger Packets \$1.50 each

GREENHOUSE ROSES—FORCING VARIETIES

Price: 2½ inch \$60.00 per 100, 3 inch \$70.00 per 100, 4 inch \$80.00 per 100

Better Times (*Patented*)—The outstanding Rose of the decade. Its color is a brilliant cerise pink with a silvery sheen, as the flower develops. Very firm texture with beautiful clean heavy foliage.

Briarecliff—Color more brilliant than Columbia, being a true rose pink without any shadings whatever. Long pointed bud and very fragrant. Every bud of this variety is 100 per cent perfect. Abundant dark green foliage and habit of plant very vigorous.

Celebrity (*Patented*)—The large pointed bud with its high center blooms of deep geranium-pink and yellow base opens to a rich satiny pink that is attractive at all stages from the tight bud to the mature flower. This particular variety has an exceptionally spicy fragrance and its lovely, dark green foliage is a handsome foil for the brilliantly rich flower. A very free flowering sort and one that we thoroughly recommend to all customers.

Golden Rapture—Here we have a beautiful yellow Rose that is the same color as Claudia Pernet and is a quick growing, easily handled variety. This yellow is rapidly displacing every other yellow at the present time. Foliage, stem, habit, and freedom of growth are perfection. We recommend this Rose to any grower looking for a perfect yellow Rose.

Joanna Hill—The blooms are clear yellow, deepening at the center and hold their color under artificial light. It produces strong stems without pinching and can be grown at low cost and sold at a more reasonable price than Souv. de Claudius Pernet.

Rapture—A much improved sport of Mme. Butterfly. The color is an exquisite salmon shade, deeper than the very best Butterfly, with the same golden flush at the base of the petals. As a sport of Butterfly, Rapture shows all its good characteristics with larger foliage and a much heavier growth.

Red Delicious (*Patent No. 620*)—This bright velvety red rose is a seedling of "Rome Glory" and "Chieftain" with a lovely apple fragrance which accounts for its name. It is a very free blooming variety. Its chief fault is that it is not too strong in the neck but as the young plants get established, this point strengthens considerably.

R. M. S. Queen Mary (*Patent No. 249*)—The color is a beautiful, striking, glistening shade of salmon-pink, which lights up beautifully under artificial light and makes a marvelous decoration. The growth is particularly strong and free, the leaves thick and lustrous, and are entirely immune to mildew or black spot.

Spitfire (*Patent No. 617*)—A seedling of "Better Times," dark, velvety red in color, or very strong fragrance. One of the miniature type with blooms not over 2 or 3 inches in size. A most attractive variety all the way from the bud stage to the fully opened flower. Extremely productive, producing flowers on stems from 10 to 21 inches.

Starlite (*Patent No. 414*)—Large, full flowers of pure white. Long pointed buds on long, strong stems. Heavy dark green foliage, well spaced on the stem. A vigorous growing Rose of heavy branching habit. The introducer states that this Rose has a production nearly equal to "Talisman."

Talisman—A seedling of Ophelia and Souv. de Claudius Pernet. "Like a choice, rare cameo, this new seedling Rose stands out in rich and distinctive relief against any background." "Talisman" is already so well known that it needs no further comment.

Vanity Fair (*Patent 583*)—One of the most exquisite greenhouse Roses that has been introduced to date. A lovely soft shade of shell-pink that is in demand on many occasions. Long pointed buds produced on heavy stems with fine dark green foliage. This is without exception the most fragrant Rose on the market today and it retains this fragrance until the very last petal has fallen from the flower. Flowers, after being cut, will keep in ideal condition for over a week. In other words, it holds the petals long after heavier Roses have dropped all their petals.

Yellow Gloria (*Patented*)—All orange sport of Talisman, a most pleasing color under any light. Has more petals than any of the Talisman types and produces well shaped buds on long stiff stems. A wonderful keeper and shipper, and very productive at all seasons. A fine, clean, healthy grower.

NOVELTY ROSE INTRODUCTION — 1948

Raving Beauty (*Patent*)—This variety tends towards a dark rose color rather than carmine, and the general effect of a newly opened Rose is rose color on the outside of the petals and a much deeper color on the inside surface of the petals. In the bud stage it is definitely rose-red. Foliage is abundant and heavy. An extremely free grower with long, ovoid buds. Flower form is full and globular and the size of the flowers when fully open is about 3 to 4 inches across with about 35-40 petals. A most penetrating Tea fragrance of very free-blooming habit, and its keeping qualities recommend it to everyone. It resembles Better Times in type of growth more than any other Rose in cultivation.



Rose
"Vanity Fair"

FORCING FLORIBUNDA

Price: 2½ inch \$60.00 per 100, 3 inch \$70.00 per 100, 4 inch \$80.00 per 100

Cecile Brunner—Known under various names, such as Sweet-heart, Mignon, etc. It is a dainty, miniature Rose. Light pink in color, and every greenhouse should have a few plants of this beautiful little Rose.

Fashion (Patent Applied For)—A seedling of the popular Pinocchio with an entirely new fascinating color. The bud is peach with a yellow overcast and the flower finishes a beautiful coral color. The half open flowers are a deep coral inside. In all stages the color is clean and attractive and very much called for in corsage and other miniature work. The production is constant and good and the growth somewhat similar to Pinocchio.

Garnette (Patented P.R.R.)—One of the new Polyanthan types suitable for forcing and corsage work. Small, ovoid buds but fully double. The color is garnet-red with yellow shadings at base of petals. This Rose has excellent keeping qualities and its abundant, dark leathery foliage makes an attractive background for the very lovely flowers.

Goldilocks (Patent 672)—The golden yellow Floribunda buds resemble miniature Hybrid Teas in form and are a rich golden

yellow in color. When fully open, flowers average 3½ inches across. Dark green glossy foliage, a nice background for the very handsome flowers.

Mrs. R. M. Finch—A Polyantha Rose that is displacing Cecile Brunner for growing in the greenhouse. Color, deep shell pink, slightly larger in flower than Cecil Brunner and one of the best of the Baby Rambler types.

Pink Bountiful (Patent No. 601)—A petite relative of a Hybrid Tea Rose, splendid for miniature arrangements, the ovoid buds are tinted deep reddish pink, enfolding into flowers with a buff, salmon-pink heart, flushed deeper pink on the outer petals, clear rich pink when fully open. A variety that is extremely easy to grow and a most prolific bloomer. An entirely new blood strain that is proving very popular as a cut flower.

Pinocchio (Patent No. 84)—Bright salmon-pink in color, creating a sensation wherever shown. Exquisite in form and size. Slightly larger than "Mrs. Finch" but an attractive deeper pink, flushed salmon. Excellent variety where a miniature is desired.

RECENT AND STANDARD CARNATIONS

Price: 50c per plant, \$5.00 per doz., \$35.00 per 100

Dairymaid—White ground, heavily striped pink towards the edge of the petals. Flowers large and richly perfumed. Fine robust, healthy grower, and very free flowering. Splendid keeper.

Golden Wonder—One of the finest deep yellow Carnations introduced to date. Much deeper in color than "Maine Sunshine."

Hercules—An immense flower of Enchantress pink with deeply fringed petals. Nice stiff stems of medium length. Fine keeping qualities.

Dark Pink Virginia—The very deep pink form of Virginia. Fine grower and shipper.

Marchioness of Headfort—Cream white melting into a ground color of rich red, of great substance. A most beautiful and impressive flower of the "Pelargonium" type, with a pleasing perfume. The growth is constitutionally perfect, absolutely reliable, with a substantial stem and vigorous growth.

Olympic—A crimson seedling. Color similar to Mrs. C. W. Weld. Long, strong stems; flowers size of King Cardinal; free flowering; seldom splits.

Miller's Yellow—A new yellow variety with large flowers, long stiff stems and good production. This variety places the yellow on an even quality with other colors.

Mrs. C. W. Weld—A crimson seedling on the order of Seth Parker, forming large flowers of bright crimson. We recommend this particular variety if you are looking for a good crimson.

Northland—One of the handsomest of the newer types of white Carnation. Dazzling snow-white in color, producing flowers on long stiff stems, very free flowering, and an excellent keeper, as well as being delightfully fragrant.

Olivette—Medium sized, very fragrant flowers of clear white, perfectly formed, and very full on medium length strong stems. A most productive variety.

Pelargonium—The first of a new type of greenhouse Carnations. White ground, blocked or overlaid on each petal, crimson maroon. A perfect replica of the old Pelargonium. Habit, growth, stem and calyx good, with silvery foliage and a wonderful constitution.

Peter Fisher—Flowers of medium size and good substance with deeply fringed petals. About the most prolific of the medium or rose-pink varieties. Long, strong stems on which the calyx does not split. Excellent keeper and shipper. Quite a tall grower, therefore not recommended for low benches. Very easy to grow and practically disease resistant.

Pharaoh—Deep orange petals with red edge. Flowers about four inches across.

Scarlet King—A sport of Pelargonium, bright red edged creamy white, identically the same size of flower and growth as Pelargonium, but more outstanding in color.

Virginia—A flesh pink variety producing quantities of flowers, besides being a splendid keeper and good shipper.

Wealth—Glistening white Carnation with flowers three or four inches across of very easy culture. Free from rust and free flowering. Beautifully formed flowers, with good keeping qualities. Long straight stems with non-splitting calyx.

D & P ROSE DUST



Used as a dust or spray. An amazingly effective insecticide-fungicide for roses, combining the newest and finest active agents. D & P Rose Dust contains DDT, No. 3422 (Thiophos), Zerlate (Karbam White) and Sulphur with wetting agents and adhesives. Controls Rose Beetles, Rose Chafers, Aphids, Leaf Hoppers, Thrips, Red Spiders, Leaf Rollers, Japanese Beetles and other leaf-eating and sucking insects and Black Spot, Powdery Mildew and Rust. Sold in attractive and efficient dusters and canisters.

Size	Suggested Consumer Price
Handy 10 oz. Dusters	1.00
2 lb. Canisters	1.85

TENDER BEDDING AND GREENHOUSE PLANTS



Verbena "Peppermint Stick"

AGERATUM

Fraserii—Dwarf blue, compact growth, an early bloomer and excellent for edging. **Price: 3" plant, \$3.00 per dozen, \$20.00 per 100.**

Blue Boy—Periwinkle blue flowers produced in fluffy profusion throughout the Summer and Fall. An ideal edging plant for borders; rock-gardens; small beds, and does well in any good soil, either in full sun or semi-shade. **Price: 3" plants, \$3.00 per dozen, \$20.00 per 100.**

BUDDLEIA

Asiatica—Begins to bloom in December and continues to do so throughout the Winter season, if the plants are kept growing in a warm house. It produces long spikes of the most beautiful white flowers which have a delightful lilac fragrance. **Price: \$3.00 per dozen, \$20.00 per 100.**

FUCHSIAS

Price: 35c each, \$3.50 per dozen.
May delivery 3-inch pot plants.

Marvelous Single Fuchsias

Aurora Superba—Sepals light apricot. Petals vivid orange.
Mrs. Rundle—Extremely long sepals. Salmon-pink. Petals vivid orange.

Wonderful Double Fuchsias

Dollar Princess—Sepals salmon-pink, corolla full double deep violet-blue shading to crimson. Very floriferous.

Sylvia—Sepals salmon-rose turned upwards, corolla semi-double pure white. Strong upright grower. A perfect gem.

Triphylla Fuchsia

Souv. de Henry Henckel—Flowers with long tubes borne in clusters. Tubes, cerise-pink. Petals coral orange. Dark reddish foliage.

Basket Fuchsia

Marinka—Its training habit makes it especially desirable for pot, basket, or vase culture, or it can be grown into beautiful standard. Sepals rosy red, corolla light red shading to violet. Strong grower and very free flowering.

HELIOTROPE BLACK PRINCE

Black Prince (Patent No. 559)—We introduced this variety in 1944 to the general public and while it was distributed in only a limited manner to the gardens of America, we have had more glowing reports on this particular plant than any we ever sent out. The illustration will give you a very good idea of its unique dark color with its dark, metallic, blackish green foliage. It is an ideal plant for border, bedding or specimens. The flowering is continuous from early Spring until frost in Autumn and then may be taken indoors for Winter blooming. It thrives in any good garden soil and attains a height of about 3 feet in one season. Color when fully mature is a stunning dark violet. **Price: 2½" pots, 50c per plant, \$5.00 per dozen, \$35.00 per 100; 3" pots, 75c per plant, \$6.00 per dozen, \$45.00 per 100; 4" pots, \$1.00 per plant, \$7.50 per dozen.**

Royal Fragrance—This variety was originally introduced by us about ten years ago, and since that time has practically become the standard variety for growing in mass effect. Dwarf and robust in habit, a very lovely shade of deep blue, it is the most fragrant Heliotrope that has ever been grown. It blooms profusely from June until frost, and is the superlative bedding plant.

There have been many substitutes sent out by other firms for "Royal Fragrance" but as the original introducers, we have always retained sufficient plants to propagate from the original stock sent us, which assures you of receiving the true variety. **Price: 2½", \$3.00 per dozen, \$20.00 per 100; 3", \$3.50 per dozen, \$25.00 per 100; 4", \$5.00 per dozen, \$35.00 per 100.**

VERBENA

Lemon Verbena (Aloysia citriodora)—Lemon scented foliage, which is extensively used to impart a sweet scent to bunches of flowers lacking in a scent of their own. It is also used in flavoring jellies. **Price: 2¼" pots, \$2.50 per dozen, \$15.00 per 100.**

Verbena Mayflower—These are very handsome, as bedding plants. They bloom continually from early June until frost, and are very satisfactory when used as cut flower subjects. The particular variety we have to offer, "MAYFLOWER," we consider unusual and novel, which is the reason we include it with our list. It is a beautiful clear apple-blossom pink throughout, and does not clash with any other color in the garden. The flowering heads are twice as large as that of any other Verbena, and its lovely soft color appeals to everyone. **Price: 3" pots, 50c each, \$5.00 per dozen, \$35.00 per 100.**

"Peppermint Stick"—One of the finest Annual plants introduced in many years. The individual flower heads are three inches across with trusses of white flowers with red stripes radiating from the center of the individual bloom. This low growing Verbena forms a lovely green mat and is quite spready in type but is always compact, never attaining a height over eight inches. This lovely plant is covered with flowers the entire summer and as a rock garden or low bedding plant is unsurpassed. **Price: 50c per plant, \$5.00 per dozen.**

HARDY GARDEN ROSES

Price: \$2.00 each, \$20.00 per dozen, except where noted.

Butterscotch (Patent 613)—Soft pale orange-yellow petals with inside of lemon-chrome at the base, changing to pale yellow-orange, penciled lightly with orange buff. General color effect is soft pastel buff. Supply limited so order early.

Colleen Moore (Patent 583)—This Rose was selected by Colleen Moore, the charming Hollywood personality, from a large number of seedlings to bear her name. It is a beautiful velvety carmine overlaid oxblood red and intensely fragrant. **Price: \$2.50 per plant; \$25.00 per dozen.**

Contrast—An unusually healthy grower producing growth three feet tall and has most attractive two tone blooms comparing favorably with Condesa de Sastago. Had very fine reviews in the American Rose Annual recently.

Copper Lustre (Patent 641)—Our exclusive introduction. Its blooming habit is free and perpetual and the large dark green leaves are most distinctive with their veins and edging of deep red. The stem is strong and upright, oil green in color with large red thorns. This is an extremely disease resistant variety. Flowers in bud form are long and pointed, and about 2 inches in length. The color is a coppery pink between geranium pink and peach red with a large aigret of apricot yellow. The blooms are large, measuring about 5 inches in diameter. When first

opening the outer surface of the petals vary between peach red and jasper red, blending into a yellow base. When the flower is fully opened and for a day or two after, is much more delicate. The entire flower appearing to be jasper pink, blending into apricot yellow. (Fall 1948 delivery only.) **Price: 2 year old dormant plants, \$2.50 per plant; \$25.00 per dozen.**

Debonair (Patent 677)—Perfect yellow buds against one of the most handsomely foliaged of Roses in the hardy garden type. The high centered opening flowers of substantial primrose yellow are very graceful and has a delightful old-fashioned fragrance. *Illustrated on page 23.*

Diamond Jubilee (A.A.R.S.)—Color-glowing buff orange and when fully opened the flowers are easily 6 inches across. A variety that lasts very well either on a bush or as a cut flower. A nice old Rose fragrance is not the least of its many charming qualities. Foliage is a dark green and the constant succession of flowers are produced on long heavy stems.

Mirandy (Patent 632)—One of the All America Rose selections for 1945 and one that has earned all the praise that has been given it throughout the country. Deep rich red buds of unusually brilliant color, the plant is very vigorous growing and free flowering with very lasting fragrance.



"Copper Lustre" (Fall, 1948, delivery only)

HARDY GARDEN ROSES (Continued)

Price: \$2.00 each, \$20.00 per dozen, except where noted.



"Peace"

Mme. Chiang Kai-shek (*A.A.R.S.) (Patented) —

Named in honor of the First Lady of China. Long, pointed, pale yellow buds open to large spiral flowers of canary-yellow with creamy outer petals. Vigorous, free flowering variety with bronzy green canes which are one of its attractive features. When the flowers are fully open a mass of rich golden anthers matching the petals make it a most unusual and beautiful subject.

Nocturne (A.A.R.S.) (Patent 713)—A brilliant cardinal red Rose with darker colorings through the petals. The unusually large buds of this particular variety are very heavy in texture and have an exquisite fragrance. This variety is produced on long sturdy stems and when more generally distributed will be one of our popular red Roses.

"Peace"—The opening color is a bright Primrose yellow with the edges of the petals tinged cerise. As the flower advances from the bud state to the fully opened flower the yellow becomes lemon shade while the pink intensifies to a watermelon shade. This Rose has a delightful fragrance and on account of its exceptional petalage is very long lasting as a cut flower. It is about the strongest growing plant that has ever been introduced in an outdoor Rose attaining a height of 4 feet or more with flowers produced on long, strong stems on which the dark green, leathery, disease resistant foliage is just another added attraction. If you can have only one new Rose in your garden this year, be sure this is the variety you select.



"Nocturne"

HARDY GARDEN ROSES (Continued)

Price: \$2.00 each, \$20.00 per dozen, except where noted.

Madame Henri Guillot (*Patent 337*)—Unanimously acclaimed by Rose growers as "the top Rose in the garden." Visitors usually go into ecstasies over the beauty of this Rose whose large, firm petals unfold to urn shape, then to the form of an immense Camelia of shining raspberry, shading to watermelon pink. A richly fragrant variety that is delightful for cutting.

Mrs. Paul Bosley (*Patent 441*)—One of the most exciting of the recent introductions in yellow Roses. The yellow form of the Mme. Joseph Perraud, one of the outstanding garden Roses for the past several years and this yellow form will prove more popular than the original Mme. Perraud, judging from the reports and repeat orders we receive from the customers who have purchased it in the past. Long pointed buds on fine strong stems with a delightful fragrance are a decided asset in any garden.



"Mrs. Paul Bosley"

HARDY GARDEN ROSES

Price: \$2.00 each, \$20.00 per dozen



Debonair
(Description on page 20)

Vanity Fair (Patent 583)—This exquisite shell-pink Rose has created a sensation wherever it has been shown for these past two years. There never has been a Rose introduced to date that has the heavenly penetrating fragrance of "Vanity Fair" and this is not the least of its many fine characteristics. It is a splendid strong grower, producing long pointed buds on heavy stem with very soft, dark green foliage which is an excellent foil for the dainty flower.

TOTTY'S TEN

The following is a special offer we are making to our customers this season.

AUTUMN
CONDESA DE SASTAGO
MRS. SAM MCGREDY
GLOWING CARMINE
MME. JULES BOUCHE
KAISERIN AUGUSTA VIKTORIA
MME. JOSEPH PERRAUD
MRS. PIERRE S. DUPONT
CHARLOTTE ARMSTRONG
MARGARET MCGREDY

For many years the "Totty's Ten" has been a popular collection and we are delighted that we again can offer first quality plants for this purpose.

If you are a beginner at growing Roses, we suggest that you try the "Totty's Ten" this year.

Price \$12.00

Rose "Vanity Fair"



HARDY GARDEN ROSES

Price: \$1.50 each, \$15.00 per dozen

Apricot Queen (Patent 464) — A combination of orange-apricot merging to Salmon-Rose and Phlox-Pink, making this one of the most beautiful colored varieties we have ever had the pleasure of introducing. Long pointed buds with excellently placed petal arrangement. An intensified "Mrs. Sam McGredy" in color.

Better Times (Patented)—The outstanding Rose of the decade. Its color is a brilliant cerise pink with a silvery sheen, as the flower develops. Very firm texture with beautiful clean heavy foliage.

Betty Uprichard—Coppery red buds, opening to semi-double flowers of above average size; brilliant orange carmine on outer surface of petals, showing light salmon reflexes; spicy fragrance.

California (Patented)—A gorgeous shade of ruddy orange toned saffron yellow, with the exterior of the broad petals overlaid Saturn Rose, producing dual tone effect of indescribable richness and beauty. Long pointed buds producing flowers reaching a diameter of five to six inches. Vigorous growth and healthy, glossy foliage add to its attractiveness. Deliciously fragrant.

Charles K. Douglas—Large, double, fragrant, flaming scarlet-red flushed velvety crimson. An indispensable garden Rose producing attractive flowers all season. Fine glossy, healthy foliage.

Charlotte Armstrong (Patented)—The originator describes this Rose as "a rosarian's dream of surpassing beauty and boundless vigor come true in this leader of the world's finest Roses." Blood red in bud opening to cerise in hot weather and deepening to spectrum red later in the season. Long-shaped buds, free flowering and vigorous in growth. Disease resistant and very free flowering.

Christopher Stone—Bright velvety scarlet flowers of good form, opening fully to show its golden stamens; fragrant. Vigorous, upright grower, free flowering, and does not appear to be troubled by heat. A brilliant color.

Condesa de Sastago—Copper and yellow. Bud like ball of gold striped with red. When open copper on inside with reverse of gold. Raspberry fragrance.

Countess Vandal (Patent 38) — Its long pointed bud, its distinctive shadings of coppery-bronze suffused with soft gold and its form are a continuous "movie," developing new beauty at all times during its long life. Very fragrant.

Crimson Glory (Patented)—A deep vivid crimson shaded ox-blood red and finished with a soft velvety nap. Its habit of growth is very vigorous, producing at all times quantities of superb urn-shaped blooms. Fragrant.

Douglas MacArthur—A beautifully proportioned Rose of rose gold and salmon blended together on strong bushes which send forth many shoots of shiny dark green foliage. Like the great leader for whom it is named it commands the admiration of all who see and grow it.

Eclipse (Patented)—The long streamlined bud is of rich gold without shading. Petals are long and tough, but not numerous, averaging 20 to 25, with more in the Autumn. Healthy, attractive foliage.

Edith Nellie Perkins—A Rose of outstanding merit, vigorous in growth and free flowering. Long, pointed bud; flower of good size, long lasting and fragrant, double; outside of petals orient-red shaded cerise-orange; inside salmon-pink.

E. G. Hill—The flower is dazzling scarlet, shading to a deeper pure red as it develops. It produces long stems naturally and the foliage develops freely and is of fine color.



Grande Duchesse Charlotte

Etoile de Hollande — Brilliant red blooms of magnificent size, perfect in half open state, showing clean, attractive centers when fully open; petals enormous; very fragrant. Plants branching; particularly free flowering and healthy.

Glowing Carmine—The name appropriately describes this beautiful Rose. It is a strong grower with well-shaped buds. A splendid color that lasts exceptionally well.

HARDY GARDEN ROSES

Price: \$1.50 each, \$15.00 per dozen



Golden Dawn

Golden Dawn—An ideal yellow garden Rose. Color, lemon yellow but heavily splashed with crimson before opening, developing into a well formed, sweetly scented large, double rose, reminding one of the old favorite Marechal Neil. Strong, vigorous and free flowering.

Golden Rapture—A splendid yellow Rose of upright growth. The pure yellow buds are of ideal form. Beautiful, large double flowers which last without fading. A splendid variety for cutting and for bedding.

Grande Duchesse Charlotte (*Patented*)—Named in honor of the Grande Duchesse of Luxembourg, it is described by its introducer as "a new shade of red such as is seen on old tapestry and a color not known in any other Rose." Long streamlined buds are of rich claret in color, opening to firm blooms which do not fade but gradually change to a lovely begonia-rose. A most artistic flower of Carnation fragrance.

Heart's Desire (*Patented*)—This delightful red Rose combines vigorous growth, prolific blooming habit and magnificent foliage. The superb red bud is delightful when it opens up and until the last petals drop. "Heart's Desire" has been found remarkably free from disease and entirely hardy with average protection, even in the most northern latitudes. Fragrance is not the least of its qualities, and the pure even shade of luminous red without any trace of maroon is sunproof even in the very hottest weather.

Hinrich Gaede—In an unusual shade of Rose there is nothing to equal this variety which is another of our introductions of two or three years back. Color is a rich luminous vermilion shaded golden yellow, a color such as is found in the modern Zinnias. Very free continuous bloomer with a rich fruity fragrance. One of the most charming garden varieties.

Joanna Hill—The blooms are clear yellow, deepening at the center and hold their color under artificial light. It produces strong stems. One of the freest blooming garden Roses in cultivation.

Kaiserin Auguste Viktoria—Creamy white, immense substance, petals smooth and nicely arranged. A popular variety. Medium upright growth. A favorite for years.

Katherine T. Marshall (**A.A.R.S.*) (*Patent* 607)—The originator of this variety describes it as a Rose of great beauty and delicacy of form—growing vigorously with large, open upright blooms of friendly warm glowing pink. Highly praised in all sections of the country. Very hardy. The growth and foliage is equal to the Radiance family and outstrips the old favorite President Hoover. Fruity fragrance and long stems. Long pointed, firm slow opening buds of coral-pink with suffusion of yellow which retains its fine color at all seasons of the year.

McGredy's Ivory—One of the finest white Roses for fragrance; large, creamy white flowers touched with pale yellow at the base.

McGredy's Sunset (*Patent Rights Reserved*)—Very aptly named variety as outer petals are clear buttercup yellow tipped orange. Inside is chrome yellow flushed scarlet when it opens. Medium size flowers with a very pleasing fragrance. Long stiff stems and a sun resistant variety.

McGredy's Yellow—An unfading canary yellow Rose of beautiful form and a mass of golden anthers intensifying the color in the center of the flower when fully opened. Vigorous, free blooming variety holly-like foliage, a cup-shaped Rose of beautiful color.

Margaret McGredy—Large, beautifully shaped, full, double flowers, entirely distinct from all others in its rich coloring which is a brilliant shade of Turkish or Oriental red, passing as the flowers age to a beautiful carmine Rose. These are borne on long, stiff stems and hold their form and beauty for a long time.

Mary Margaret McBride (*Patent* 537)—Named in honor of the charming and gracious Mary Margaret McBride, noted author and radio personality. In bud it is a lovely deep pink that opens gradually to a clear coral pink with shimmering gold at base of petals. Beautiful in all stages of growth. The stems are long, strong and vigorous. The flower has a most alluring fragrance.

Mev. G. A. Van Rossem—Orange scarlet with bronzy crimson shadings. Very fragrant, and continuous in bloom; beautifully formed flower on long stiff stem.



"Heart's Desire"

HARDY GARDEN ROSES

Price: \$1.50 each, \$15.00 per dozen



Pearl Harbor

Madame Joseph Perraud—This Rose was awarded a medal as "the most beautiful Rose in France." The introducer describes it as "an enchanting Nasturtium buff straying to a luminous shell pink at the petal edges." It is the nearest approach to a pure buff that we have in Roses and an exquisite variety.

Madame Jules Bouche—One of the finest garden Roses in the white section; of splendid form, and a very strong grower. Occasionally this Rose will have a touch of blush pink.

Mrs. Charles Bell—Lovely shell pink buds and blooms of fine, globular form with shadings of soft salmon, perfumed. Plants are notably strong and bushy, bearing good foliage, and is seldom attacked by disease.

Mrs. Erskine P. Thom—A strong, healthy grower, equal in strength to the Radiance type of Rose. Beautiful, dark bronzy green, disease resistant foliage. Rich lemon yellow flowers, very sweetly scented and a very free flowering variety.

Mrs. Lovell Swisher—Beautiful large flowers of salmon pink and gold with flesh pink edges. A very strong grower and one of the finest in the pink section.

Mrs. Pierre S. duPont—Medium sized, long-pointed bud of a reddish gold opening to a semi-double, cupped, very lasting fragrant flower of a deep golden yellow. Plant is of strong vigorous compact growth. A profuse and continuous bloomer.

Mrs. Sam McGredy—Beautiful long-pointed buds opening to large double high-centered flowers of glistening scarlet-copper-orange with deep red shadings on the outside of the petals.

Pearl Harbor—Upper surface of the petal is a delicate shade of shell pink suffused golden bronze at the base. The outer or underside of the petals is a Tyrian rose in color. Plant is practically thornless: a delightful colored Rose of bewitching fragrance.

Pederables—Long pointed lemon-yellow buds gradually opening to a creamy white. When fully opened the yellow stamens are quite prominent in this semi-double variety. A fine bedding type and very fragrant.

Picture—Splendidly formed, medium-sized flowers of velvety Rose-pink, the petals pleasingly reflexed. Well named, as both form and color are very lovely. A free cutting Rose, unusually free blooming.

Pink Dawn—An exceptionally charming Rose of highest merit, with an abundance of perfectly formed, full double flowers of a deep rose color, opening to lovely pink blooms, tinted with orange at the base of the petals.

Pink Diamond (Patented)—The large, bright pink buds produced by this marvelous variety open to light pink blooms of great size, frequently measuring 5 to 6 inches in diameter, and appear in great profusion. This variety has created more favorable comment than has any other pink in the garden this year.

Poinsettia—The name of this beautiful Rose was suggested by Dr. J. Horace McFarland. Has semi-double flowers of a bright, rich scarlet color produced profusely during the whole season on vigorous plants of fairly tall growth.

President Macia—A lovely shade of pink, marked with heavy veins of darker pink and each of the perfect buds on a splendid stem for cutting. The face of the petals is pale flesh, warmed with a yellow flush toward the base; the reverse, the rich pink of the buds. The blooms are fragrant and flower all season.

Southport—A brilliant scarlet and strongly recommended where brilliant color is desired. Not as heavy as many other red varieties but a well worth while Rose for its unusual fine color in the garden.

Sterling (Patent 21)—A really true pink Rose. The yellow base of the petal enhances the brilliancy of the color to a considerable extent. A fine strong grower giving quantities of flowers throughout the entire season.

Talisman—A seedling of Ophelia and Souv. de Claudius Pernet. "Like a choice, rare cameo, this seedling Rose stands out in rich and distinctive relief against any background." Talisman is already so well-known that it needs no further comment.

The Doctor—A clear Rose pink of enormous size with large stiff petals. Plant moderately vigorous, but very floriferous, delightful Verbena fragrance. Good foliage and a variety that was awarded the National Rose Society Gold Medal.

White Killarney—A very large long pointed bud snow-white in color. One of our good white varieties.

Will Rogers—Color velvety-black crimson with individual flowers about three inches across. A very handsome dark red variety, with a lasting fragrance.

TRIOGEN

The finest All-Purpose Spray, for Garden Use

A—Small Kit\$ 1.50

B—Medium Kit\$ 4.00

C—Large Kit\$ 6.00

D—Estate Kit\$20.00



SUB-ZERO HYBRID TEA ROSES

A new race of Roses hardy even in Canada. The bushes are smaller than the average Hybrid Tea at planting time but after becoming established are larger and more vigorous and produce quantities of larger, good quality, fragrant blooms. Treat them same as other Roses by banking with soil for winter protection.

Price: \$1.75 per plant, \$18.00 per dozen



Velvetier

Curly Pink—Matchless in the combination of size and form of bloom, beauty of cluster, constancy, vigor and foliage, hardiness and performance. When established, many large two-toned, pink blossoms, in several stages form a gorgeous bouquet on a single stem.

Pink Princess—A full petaled, fragrant clear pink Rose of great vigor and weather resistance. Strong plants bloom profusely each succeeding year and one of our leading Rose specialists looking at the same remarked, "The falling petals of clear fresh pink are enough in quantity to form a mulch."

Red Duchess—Over the 30 years of hybridizing, never had we hoped to produce a Rose like this. Such captivating fragrance. Such a shade of red. Such colorful, persistent foliage. Such a robust and sturdy sub-zero plant. While nearly all Brownell Roses are pleasingly fragrant, the magic of sunshine on these petals issues a new fragrance incomparably alluring in spicy sweetness and charm. One whiff is an experience to be remembered.

Shades of Autumn—A beautiful and abundant flowering, bright colored Rose of shadings of reddish-bronze and orange-yellow. The name of this variety accurately expresses its true color. Sub-zero type.

"V. for Victory"—One of the few fine yellow Hybrid Teas, full petalage beautifully recurved and retains its color right to the fully matured flower. There is no Rose more charmingly beautiful than this particular variety. It has the appeal of many petals, ideal color, the best of form, more blooms and the plant is especially vigorous. Sub-zero type.

Velvetier—Semi-double, frequently in clusters, gorgeously impressive with its depths of dark red, velvety luster. Named by a multitude of visitors to our gardens, with the exclamation: "Oh! how velvety!"



"V" for Victory

FLORIBUNDA and IMPROVED POLYANTHA ROSES

This type of Rose becomes more popular each succeeding year. Medium in height, practically disease resistant and flowering the entire season, they retain their vivid colors even in the hottest weather. To add color to your Evergreen plantings, intersperse a few Floribundas among them. For best results plant 18 inches apart either in a solid bed or among other plantings where color is desired. They will give the grower pleasure for many years.

Price: \$1.50 each, \$15.00 per dozen

Baby Chateau—A new color amongst the large flowering Polyanthas. The flowers are large, semi-double produced in large clusters, velvety dark red in color, reminding somewhat of the popular Rose Chateau de Clos Vougeot. Dark, shiny foliage, a real acquisition.

Betty Prior (*Patent 340*) — Improved form of Else Poulsen. Outside of petals dark carmine, inside several shades lighter. Borne in large clusters on strong stems, very fragrant. Foliage pale green, tinted purple; very vigorous grower. Resistant to mildew and diseases

Cheerio—Clear Mallow-pink shading to a deeper Rose at the base of the petal. Reverse of the petal is a luminous Rose madder that is most effective. Quantities of brilliant double flowers in massive clusters.

Donald Prior (*Patent 377*)—Flowers semi-double, cupshape, bright scarlet, flushed crimson; much larger than "Else Poulsen." Fragrant; foliage dark green; very free flowering. One of the most striking colors of the entire group.

Else Poulsen — Bright rose-pink single flowers of large size. One of our finest large-flowering Polyanthas, since it is a very husky grower attaining a height of about 3 feet.

Goldilocks (*Patent 672*)—The golden yellow Floribunda buds resemble miniature Hybrid Teas in form and are a rich golden yellow in color. When fully open, flowers average 3½ inches across. Dark green glossy foliage, a nice background for the very handsome flowers. Height of plant about 2½ to 3 feet.

Improved Lafayette — Very profuse flowering, strong growing Polyantha. Crimson scarlet in the bud, expanding to rosy cerise when fully open. Individual flowers about the size of Paul Scarlet Climber.

Pink Bountiful (*Patent 601*)—A petite relative of a Hybrid Tea Rose, splendid for miniature arrangements, the ovoid buds are tinted deep reddish pink, enfolding into flowers with a buff, salmon-pink heart, flushed deeper pink on the outer petals, clear rich pink when fully open. A variety that is extremely easy to grow and a most prolific bloomer. An entirely new blood strain that is proving very popular as a cut flower.

Pinocchio (*Patent 484*) — Bright salmon-pink in color, creating a sensation wherever shown. Exquisite in form and size. Slightly larger than "Mrs. Finch" but an attractive deeper pink, flushed salmon. Excellent variety where a miniature is desired.

Summer Snow (*Patent 416*)—Perpetual blooming form of White Tausendschon. An established plant covered with snow white flowers, repeating throughout the summer.

Sunmist—Clear light sulphur yellow shading to canary yellow at the base of the petal. Large imposing flower clusters. Unsurpassed for massing in beds or borders. Graceful long pointed buds.

World's Fair (*Patent 362*)—Ideal bushy plants just about hide themselves under clusters of large, velvety blooms of blackish scarlet, the fragrant petals surrounding a glowing mass of golden stamens.

Dream Girl



MINIATURE ROSES

ROSA ROULETTI

***Alpine Rose**—This miniature pink Rose blooms practically nine months of the year if planted in full sun in good soil. It is excellent for edging borders or rock garden work and the miniature flowers either in the bud or fully open attract considerable attention. Height 10 inches. **Price: \$1.25 per plant, \$12.50 per dozen.**

CLIMBING ROSES • NEWER VARIETIES

Blaze (*Patent 10*) — Everblooming Scarlet Climber. Combines the vigor, beauty and hardiness of Paul's Scarlet Climber with the everblooming qualities of a favorite Hybrid Tea Rose. Propagated from blooming wood only. **Price: \$1.50 each, \$15.00 per dozen.**

Climbing Summer Snow—Perpetual blooming form of White Tausendschon. An established plant covered with snow white flowers, repeating throughout the summer. Effective as a Pillar or on a fence. **Price: \$1.50 each, \$15.00 per dozen.**

Dream Girl (A.R.A.) (*Patent 643*)—An excellent coral pink Climber much deeper in color than New Dawn but not quite as prolific in bloom. However, this should make a welcome addition to the list of Pillar Roses and since it is recurrent in bloom will be well worth while growing by all Rose lovers who are looking for a new Climber to add to their plantings. **Price: \$2.00 per plant.**

Dr. J. H. Nicolas (*Patent 457*)—Stock of this particular Rose has been limited in the past few years. Deep Rose-Pink, fragrant blooms. The introducer describes it as "constantly repeating 3 to 4 perfect blooms to each long, strong stem; extremely hardy." Flowers just as magnificent as the Hybrid Tea

type. A most vigorous grower with luxuriant, dark green foliage. **Price: \$1.50 each, \$15.00 per dozen.**

Meda (*Patent 518*) — Large flowers of beautiful pale buff shrimp pink, increasing in intensity to a deeper richer shade towards the center. Petals are artistically formed, resembling shining seashells. A perfect form of Hybrid Tea Rose. Flowers come singly or in clusters of three on side laterals which are 10 to 12 inches long, an ideal length for cutting. Flowers when fully open measure about 4 inches across and withstand adverse weather conditions better than any other variety yet produced in Roses. A delightful spicy fragrance adds to its value. Leathery leaves of bottle-green seem perfectly immune to black spot, mildew and other Rose maladies. This variety being budded on setigera can be grown successfully no matter how cold the section in which it is planted. The plant attains an ultimate height of about 10 to 12 feet and requires little support. If customer wishes, this variety can be cut back to 3 or 5 feet if a bush Rose is desired, but in type is actually a Climber. **Price: \$2.50 each, \$25.00 per dozen.**

The New Dawn (*Patent*)—The everblooming Dr. Van Fleet. This variety is identical with its parent in size, formation of bud and color, etc., but it flowers continuously throughout the Summer and Fall months. **Price: \$2.00 each, \$20.00 per dozen.**

STANDARD VARIETIES OF CLIMBING ROSES

Price: \$1.50 each, \$15.00 per dozen

Dr. W. Van Fleet—Beautiful flesh pink, borne on long stems; buds long and pointed; plants very strong, brilliant dark glossy foliage, mildew proof, splendid for cutting.

Easlea's Golden Rambler (*Patent 114*)—A very vigorous growing butter-yellow Rose occasionally splashed crimson over the petals. Rich, olive green foliage and red flowering wood present a very striking effect when the plant is in flower.

Elegance—A large pure yellow bloom shading to white of perfect form, making a magnificent display in the garden in June. **Price: \$1.75 each, 3 plants for \$5.00.**

Mary Wallace—A Pillar Rose growing 6 to 8 feet high, with large, glossy foliage blooming with great freedom in the Spring, and bearing quantities of flowers in the Spring and early Sum-

mer. Flowers about four inches across, semi-double, bright clear rose pink, with salmon base in the petals.

Mme. Gregoire Stacchelin—The long pointed full fragrant flowers are crimson, and when fully opened are an iridescent pearl pink inside. It has been predicted that this variety is probably the pioneer of a new race.

Paul's Scarlet Climber—The flowers are medium in size, being semi-double and carry three to six flowers on each spray. Paul's Scarlet Climber has received several gold medals.

Silver Moon—Pure white in color with yellow stamens in the center, showing up a very attractive variety. Foliage bronzy green; stems of flowers very long and fragrance very lasting.

CLIMBING HYBRID TEAS

Price: \$1.50 each, \$15.00 per dozen, except where noted

Climbing Break O' Day—Deep orange flowers shaded yellow overlaid with flesh tints. Fine foliage on these large, fragrant flowers. A very strong grower and the flowering season repeats itself throughout the Summer months. **Price: \$2.00 per plant, \$20.00 per dozen.**

Climbing Etoile de Hollande—Brilliant red blooms of magnificent size, perfect in half open state, showing clean, attractive centers when fully open; petals enormous; very fragrant.

Climbing President Hoover—A splendid combination of cerise pink, flame, scarlet and yellow. Gives the most dazzling effect ever seen in any Rose. The flower is large and the bud beautifully pointed. Petals are broad and thick, retaining this characteristic days after the flowers are open. Splendid keeper and wonderfully fragrant.

Climbing Talisman—Combinations of shadings of gold, apricot, yellow, deep pink and old rose. Long and well pointed bud, develops into full double flowers. Foliage, green and glossy.

HARDY PERENNIALS

Price: 50c per plant, \$5.00 per doz., \$35.00 per 100, except where noted

Varieties starred () are suitable for Rock Gardens. Varieties daggered (†) are suitable for Cut Flowers.*



Anemone

The use of perennials offers the gardener unlimited possibilities for an all season garden of color, charm and interest. This versatile group of plants—some low growing, others tall; of every hue and tint; of different seasons of bloom and representing many types of foliage and habits of growth—will answer any requirement your conditions and taste may make. The most popular use of perennials is the mixed flower border, but they may be used advantageously as foreground to shrubs, in odd nooks and corners, to accent the beauty of a pool or birdbath, in rock gardens, as ground cover, and to augment the evergreens which landscape the home. Perennials are the answer to questions of gardeners turning from Victory Gardens “What shall I plant?” A selection of perennials will give the maximum return for the minimum effort.

Since Perennials are such a diversified group of plants no exacting rules can be given for their culture. Perennials do best in a loam soil. Humus should be added to a heavy clay soil. If the soil is highly acid the addition of lime is recommended. In preparing the ground for a perennial planting, a complete fertilizer such as 5-10-5 or one of a similar analysis may be added at the rate of 3 pounds to 100 square feet. If quantities of manure have been used this commercial fertilizer is unnecessary.

When clumps of Perennials have spread and become too large for the bed they should be lifted and divided. This should be done every few years as the strong rooted plants rapidly deplete the soil.

After the blooming season is over and the plants go dormant, the tops should be cut and burned as they harbor insects and disease.

Perennials should be given winter protection by an adequate mulching of leaves, straw, corn stalks or manure placed around the plants. This prevents alternate freezing and thawing of the top soil. The mulch should be applied in December or after a thorough freeze and removed in early spring.

HARDY PERENNIALS (Continued)

Price: 50c per plant, \$5.00 per doz., \$35.00 per 100, except where noted

Varieties starred () are suitable for Rock Gardens. Varieties daggered (†) are suitable for Cut Flowers.*

ACHILLEA (Yarrow)

†***Ptarmica, the Pearl**—Small heads of pure white flowers, excellent for cutting. Blooms from midsummer to October. About 18 inches high. Plant in sun for best results.

†***Snowball**—A double flowering form of the above. Nice, dwarf, compact grower, attaining a height of about 15 inches. Flowers midsummer to October. Plant in sun for best results.

ACONITUM (Monkshood)

†**Fischeri**—A fine hardy variety with dark blue flowers in September and October, 2-3 feet in height. The Aconitums do well in a shady or half shady location.

†**Sparks Variety**—The darkest blue of all, flowering in July and attaining a height of about 2½ feet. Does well in a shady or half shady location.

AETHIONEMA (Stone Cress)

***Coridifolium**—Neat, compact, Candytuft-like flowers of lilac-pink with frosty blue foliage, attaining a height of about 4 to 6 inches. Closely allied to the Iberis, this Sub-Shrub flowers profusely in May and June and is ideal for edging and rock garden work. Must be grown in light, sandy loam or dry sunny slope.

AJUGA (Bugle Flower)

***Brockbanki**—Bronze foliage, with blue flowers. Flowering in May and June, fine for edging. Does very well in shady locations as a ground cover. Height 4 inches.

ALYSSUM (Rock Madwort)

***Saxatile Citrinum**—Light yellow form of Compactum. Identically the same habit of growth. An ideal plant for the early Spring garden. Height, 12 inches.

***Saxatile Compactum**—Splendid plant for the rockery or border, growing a foot high; golden yellow flowers with dense, compact heads. 1 foot. Late April.

ANEMONE (Windflower)

One of the best of the Fall blooming plants, for use as cut-flowers or where one requires a show spot in the garden. These plants do equally well in sun or shade; they bloom from early September until cut down by the frost.

†**Alice**—When the flowers first appear they look like Roses, and when they are expanded the silvery petals are suffused with bright carmine. Height 3½ feet.

†**September Charm**—A lovely variety, a cross between Anemone Hupehensis and Japonica Queen Charlotte, combining the good qualities of both. Flowers of lovely silver-pink, shaded with rose and mauve, are produced in great profusion from September to hard frost. Height, 3½ feet.

†**Whirlwind**—Semi-double, pure white. Height 3½ feet.

ANCHUSA (Alkanet)

†**Barrelieri (Early Bugloss)**—A delightful early blue flower, more compact and bushy in growth than Anchusa Italica, Dropmore. Blooms in May and is covered with small, dark blue flowers with pinkish yellow throats. About 2½ feet high and thrives in full sun.

†**Dropmore Variety**—Rich gentian blue; one of the earliest of the blue flowers. Plants form beautiful specimens, 3 to 4 feet high. One of the most exquisite blue flowers for the garden. June to July.

†***Myosotidiflora**—This Dwarf Anchusa comes into bloom in April-May, and continues blooming for about six weeks. The flowers somewhat resemble Forget-me-nots but are the brilliant blue of the tall Anchusa. It grows about 1 foot high and is admirably adapted to rock gardens or borders.

ANTHEMIS (Hardy Marguerite)

†**Moonlight**—A fine compact and upright growing variety obtaining a height of 2 feet, and literally covered throughout the Summer months with quantities of pale lemon yellow Daisy-like flowers about 2½ inches in diameter. Excellent for cutting as well as a fine showy variety for the hardy border.

AQUILEGIA (Columbine)

These native flowers of North America are wonderfully useful as cut flowers. Will grow in any location, but give best results in well drained and sunny position. May and June.

†**Blue Hybrids**—An assortment of different shades of blue.

†**Mrs. Scott Elliott's Hybrids**—Assorted shades of long spurred varieties.

†**Yellow**—A very fine clear shade of yellow.

†**Snow White**—A pure white.

ARABIS (Rockeress)

***Florepleno**—Lovely double pure white blooms. When grown in mass it resembles a solid bed of Lily-of-the-Valley if one views it from a short distance. Flowers in early Spring. Height, 12 inches.



Anthemis Moonlight

HARDY PERENNIALS (Continued)

Price: 50c per plant, \$5.00 per doz., \$35.00 per 100, except where noted

Varieties starred () are suitable for Rock Gardens. Varieties daggered (†) are suitable for Cut Flowers.*

ARMERIA (Thrift)

- †***Glory of Holland**—A new improved form of Armeria. Clear, deep pink flowers about the size of a silver dollar are borne on straight, tall stems 24 inches high in large profusion throughout the Summer months. An excellent cut flower.

ARENARIA (Sandwort)

- ***Verna**—Small, white spring flowers on threadlike stems not more than 3 inches high. Makes a dense moss-like mat, therefore, suitable for rock gardens where flowers are required in early June.

ARTEMISIA (Southernwood)

- †***Lactiflora**—One of the most useful tall plants we have blooming in August and September. Grows about 4 to 5 feet high and makes a splendid foliage background for Phlox and Summer lilies. The milk white bloom is borne on graceful sprays, producing a lacy effect.
- †***Silver King**—A very useful plant, growing about 3 feet high and blooming in early Summer. Producing beautiful sprays of mistlike flowers with silvery gray foliage adding an effect of lightness among the dark green foliage of the other Perennials in bloom at that time.

HARDY ASTERS NOVELTIES

Price: \$1.00 each, \$10.00 per dozen

Of the Novi Belgii type—one of the finest of collections of Michaelmas Daisies that we have had the pleasure of introducing to our customers is as follows:

- Prosperity**—Large, deep rosy pink flowers, a decided improvement on any other pink variety to date; flowers very early in September; attains a height of from 3½ to 4 feet.
- Plenty**—Very large soft blue flowers as large as the single annual Aster Chinensis. Attains a height of from 3½ to 4 feet.

HARDY ASTERS (Michaelmas Daisy)

These lovely Fall flowering subjects, which are natives of North America and absolutely hardy in any section of the country, deserve much more extensive cultivation. The following varieties are well worthy of a place in every garden, since they are so distinct in type and novel in colors. The size of the flowers may be very greatly increased if the clumps are divided each Spring, and each plant grown to a single stem. The central growing tip should be pinched out to induce branching. This makes a sturdy plant that requires very little support and controls the height.

- †***Beechwood Challenger**—Absolutely a true red Aster, very fine sturdy grower, attaining a height of about 4 feet. The red color shows up in delightful contrast with the bright yellow center. Fine bushy upright grower. Absolutely disease resistant.
- †***British Queen**—Soft lavender blue, semi-double, unusually large, open flowers with pale yellow center. A vigorous growing, well branched plant that comes into bloom early September. Height, about 4 feet. Excellent for cutting and decorative work
- †***Harrington's Pink**—This exquisite soft pink Aster should be grown in every garden for its lovely color especially since there are very few pink flowers in our gardens in the month of September. It attains a height of about 3 to 4 feet and 1½ inches or more across.
- †***Mount Everest**—A wonderful white Aster. It forms very tall, well shaped, pointed pyramids with an abundance of lateral growths which flower right down to the ground. The flowers are large and dead white with a very small eye. Healthy foliage. 3-4 feet.



Aster Star of Wartburg

Star of Wartburg—A giant form with large individual flowers on fine strong, erect stems a foot high. Blooms very early and makes a fine display with its dark Lilac-blue flowers with orange center. 3 feet.

Survivor—Superior to Harrington's Pink because it flowers later in the season and extends the flowering season for Asters by two weeks. The flowers are larger and of the same bright rose pink color but the plants are more open in their habit of growth. This variety was selected at the Harvest Show of the Massachusetts Horticultural Society from among 400 varieties in the testing garden and was considered the outstanding plant by the judges.

†***Violetta**—The best blue Aster in a collection of 425 varieties. Flowers from the ground up, unlike other types of Hardy Asters, and is a rich violet blue in color. A splendid cut flower as well as a beautiful subject for mass effect. Height, 3 feet. Flowering in September and October.

†***Wonder of Staefa**—Exceptionally large flowers, almost 2½ inches across, of a soft wisteria-violet shade, with large yellow centers. This Aster has a longer blooming period than any other variety, flowering from late August to frost. The habit of growth is open and branched, so that the individual flowers are displayed to their fullest beauty. We consider it, both for cutting and table decorations, the finest Aster introduced. 2½-3 feet.

DWARF HYBRID BORDER ASTERS

These Asters make magnificent border subjects and are splendidly adapted for rock garden work since they only attain a height of about 9 inches and are absolutely covered with flowers during the month of September. They are an acquisition to rock garden enthusiasts on account of their magnificent colors and free flowering habit. Also they are in flower at a time when flowers in the rock garden are scarce.

- ***Lilac Time**—Lovely soft lilac flowers, free flowering, of bushy habit. September-October. 12 inches.
- ***Niobe**—Brilliant white flowers growing in a perfect ball about 9 inches high. Flowering in September and October.
- ***Victor**—The dwarfest of all and very pretty. The flowers are of good size and of a beautiful clear pale lavender-blue; a charming rockplant, flowering mid-September. 6 inches.

HARDY PERENNIALS (Continued)

Price: 50c per plant, \$5.00 per doz., \$35.00 per 100, except where noted

Varieties starred (*) are suitable for Rock Gardens. Varieties daggered (†) are suitable for Cut Flowers.

ASTILBE—See Spiraeas

BOLTONIA (False-camomile)

†**Asteroides**—Flower heads pure white; flowering at the same time as the popular Michaelmas Daisies, 5 to 6 feet.

†**Latisquama**—Beautiful pink flowers. Same type as above. 5 feet.

BEGONIA (Hardy)

Evansiana—This is an ideal hardy bulb for planting in a woodland or ground cover. If you have a shady place in the wood or under shrubs which in early spring are gay with Virginia Blue Bells, Trillium, Grape Hyacinths and Bloodroot they frequently present a sore sight in summer and fall when the foliage has disappeared. Begonia Evansiana can be planted in any of these locations where some kind of cover is required and I am sure you will be delighted with the results they give you. It is one of the most useful of summer-flowering shrubs. It grows and blooms where nothing else will and is excellent for naturalistic plantings.

BUDDLEIA (Butterfly Bush)

†**Empire Blue (Patent 557)**—A distinct new variety of deep blue with delicate lilac overtones. One of the best ever introduced. **Price: 75c each, \$7.50 per dozen.**

†**Charming**—Vigorous and very free flowering producing a profusion of large lavender pink trusses continuously throughout the Summer. Small young plants set out in the Spring quickly grow to a height of 4 to 6 feet and of about the same diameter. We suggest the pinching off in July of the first flower spikes showing, to aid the development of side shoots, which will bring better flowers later in the season.

†**Dubonnet**—Color is an exact counterpart of the popular French Wine Dubonnet. The firm cylindrical spikes are snugly set with individual flowers of good size that do not sunburn. The plant is of robust erect growth with strong stems; the leaves are large and of firm leathery texture. A good late Summer cut-flower.

†**Fascinating**—Long, graceful, open blooms of Cattleya-pink produced in quantity throughout the summer and fall. The individual flowers are about 15 inches long and this color used in connection with the deep purple and white varieties is outstanding in its value as a garden plant. Buddleias make ideal planting where privacy is desired during the summer months because they are very showy in their flowering season which is very long and are nice tall, compact growing subjects with little, if any, disease affecting them. **Price: \$1.00 each, \$10.00 per dozen.**

†**Flaming Violet (Patent Number 519)**—The finest and most brilliant of all Buddleias. Immense spikes of flaming Violet or imperial purple, intensely brilliant and sparkling with a fiery glow rarely seen in flowers. Flower trusses are unusually large, measuring 12 to 15 inches long. Individual flowers are spaced closely and open practically all at the same time. They last a long time in bloom on the shrub as well as when cut and placed in water. The plant is vigorous, strong, and upright in growth. Flowers throughout the Summer and Autumn. **Price: \$1.00 each, \$10.00 per dozen.**

†**Orchid Beauty**—A splendid new variety of soft cattleya-lilac with a brilliant orange eye. Somewhat similar in color to the well-known variety "Fortune" but differing from it by having long, tapering spikes, similar in form and size to the popular "Charming." A real addition to the Buddleia list. **Price: 75c each, \$7.50 per dozen.**

†**Royal Red**—As a Hardy plant for cut flower purposes in the Summer it is unsurpassed for beauty and usefulness. It can be grown as an ornamental lawn shrub and from early July to late frost this plant will produce an abundance of rich red panicles attracting instant attention. Grows about six feet high with deep leathery green foliage. All plants we offer will flower the first season. **Price: 75c each, \$7.50 per dozen.**

†**White Bouquet (Patent Rights Reserved)**—Very fragrant and the dark green foliage has a lovely silvery sheen, a perfect setting for the blooms. The white seedling of the popular "Ile de France" and just as hardy. White in the garden during the Summer months is very much sought after, and this variety flowers from July until frost and will give quantities of cut flowers for the home. The long, graceful sprays are very decorative and a delightful acquisition in bouquets with other Summer flowers. (2½" pot plants for Spring delivery.) **Price: 75c each, 3 plants for \$2.00, 12 plants \$7.50.**

CAMPANULAS

(Canterbury-bells or Bellflower)

These lovely flowers have a great variety of color and form and the taller varieties are useful for cut-flowers as well as in the hardy border.

***Garganica**—A very choice gem for the Rock Garden. It is very hardy, blooms from late June to September. It is a heavenly blue, and has trailing habits of growth, but at the same time is neat. The foliage is almost as distinctive and attractive as the flower; 3 to 6 inches high.

†**Medium**—Same bell shaped flower growth as the Calycanthema except they do not have the saucer effect and are, therefore, known as the Singles. Blue only. Biennial.

†**Misty Morn**—This introduction has 30-inch, spire-like flower stems covered with double lavender blue bells. The soft, silver shade of the flowers gives them a frosty appearance. A magnificent plant for the garden and superb as a cut-flower subject. Flowers in early Spring.



**"Coreopsis
Hills of Gold"**

(Description on page 34)

HARDY PERENNIALS (Continued)

Price: 50c per plant, \$5.00 per doz., \$35.00 per 100, except where noted

Varieties starred (*) are suitable for Rock Gardens. Varieties daggered (†) are suitable for Cut Flowers.

CAMPANULAS (Continued)

†**Persicifolia, Caerulea** — Single rich bluebell shaped flowers. Most attractive plants for the perennial border. Excellent for cutting. Height 2 to 2½ feet. Flowering June and July.

†**Six Hills Giant**—A very fine grower, attaining a height of about three feet. Flower stems are covered their entire length with beautiful pale blue flowers which are starlike and saucer shape. Does just as well in light shade as in full sun and is hardy anywhere.

†**Telham Beauty Blue**—An improved blue form of the original Telham Beauty type. June flowering.

†**Telham Beauty White**—Pure white form of "Telham Beauty." June flowering.

†COREOPSIS (Tickseed)

***Golden Shower**—Covered the entire season with small starlike golden yellow flowers against the dark green foliage. Individual flowers about 1½ inches across and this particular variety is a very useful and ornamental subject. 2 feet tall.

†**Hills of Gold**—The double flowering form of Coreopsis with its large brilliant yellow flowers, flowering as they do practically all season are one of the high spots of a Perennial border or garden. Unsurpassed for cut flower work. Height, 3-4 feet. June to September. (Illustrated on page 33.)

CENTAUREA (Knapweed)

†**Macrocephala**—Large, thistle-like yellow flowers, blooming in June. Height 3 feet.

†**Montana**—The Perennial Cornflower or Bachelor Button. Grows about 2 feet high, bearing large violet-blue flowers from July to September. An excellent carrying color in the garden.

CHELONE (Shellflower)

†**Barbata**—Hardy border Perennial of Penstemon-like habit, producing long spikes of brilliant, scarlet flowers. Has not been grown very extensively in this country as yet. Height, 3 feet. June to July.

***Lyonii**—An old-fashioned Perennial that grows beautifully in acid soil, attaining a height of about two feet and producing pink flowers in August and September.

CHRYSANTHEMUM MAXIMUM (Shasta Daisy)

†**Chiffon**—A daintily frilled Shasta which grows 18 inches tall. The flowers are formed by a double row of narrow petals, frilled and flared at the edges. The center is a clear yellow. The flower is about 3 inches across. The general effect in the garden and in a vase is one of light airiness and pleasing daintiness.

†**Conqueror**—The finest of the Chrysanthemum Maximum type, with extremely large single white flowers with yellow eyes.

†**Esther Read**—Very large full double Anemone type, flowers of pure white, rare and unusual, flowering early in the year and continuing to do so until heavy frost. The finest herbaceous plant that has been introduced in many years.

†**Marconi**—A very fine, strong-growing, free-flowering Shasta Daisy flowering practically throughout the whole season if planted in full sun. The snowy-white flowers are an asset to any garden.

†**Mount Shasta**—A double flowering Shasta Daisy of snowy-white flowers with Anemone type center, long stiff stems make this one of our most attractive cut flowers subjects. An extremely vigorous grower and an improvement on Esther Read in every way. **Price: 65c per plant, \$6.50 per dozen.**

†**Totty's Special**—This massive Daisy with its rich, golden center and glistening white broad petals, produces the largest flowers of any other Shasta in existence. Since it flowers early in June it is a splendid subject to plant in front of Delphiniums. Height 2½ feet. **Price: 75c each, \$7.50 per dozen.**

†*CONVALLARIA (Lily-of-the-Valley)

The most familiar hardy perennial we list. An excellent plant for shady situations. Spikes from 8 to 10 inches high. Small, bell shaped pure white flowers, blooming in May. Very fragrant.

DIANTHUS (Hardy Garden Carnations)

"Garden Pinks," as most frequently described, are becoming very popular. They begin to flower in late May and continue to do so profusely throughout the season, if not permitted to go to seed. While not as large in flower as the greenhouse types, they are nice cut-flower specimens and very fragrant.



**Dianthus
Old Spice**

HARDY PERENNIALS (Continued)

Price: 50c per plant, \$5.00 per doz., \$35.00 per 100, except where noted

Varieties starred () are suitable for Rock Gardens. Varieties daggered (†) are suitable for Cut Flowers.*

DIANTHUS

Wallace Red—Here is a pert little fellow we think you'll like. Bright red semi-double blossoms combined with rich green foliage. Height: 8". Blooms well through the season and stays clean of foliage. Charming little rock garden plant. Best for sunny well-drained spot. Very hardy.

Price: 60c each, 3 for \$1.60, \$6.00 per dozen.

† **Beatrix**—Beautiful deep salmon pink in color. Individual flowers about the size of a 50c piece, and freely produced in May and June. Very fragrant. Height, 12 inches.

†* **Crimson King**—Large, double, bright crimson flowers on stems 12 to 18 inches in length. This variety begins to flower in early June and continues to do so throughout the entire season. Beautiful cut flower subjects.

†* **Deltoides**—Commonly known as the Maiden Pink. Produces mats of green and flowers from 4 to 15 inches in height in shades of red, pink and white with crimson eye.

†* **Grenadine**—Small flowers of a very lovely shade of grenadine-pink Carnation not as large in the individual flower as Beatrix but a very glowing color in the garden and a delightful cut flower subject. Height, 12 inches.

†* **Little Joe**—Impossible to beat this novelty with its distinct blue foliage as a contrast to the large crimson flowers, flowering the entire Summer. Height, 12 inches.

†* **Lucia**—A deep rose-pink Carnation with salmon shadings very heavily serrated at the edges of the petals. A grand cut-flower subject. Flowers 2½ inches across. Height, 15 to 18 inches.

† **Old Spice (Patent 499)**—This Novelty Hybrid Dianthus possesses all the good qualities asked for in a plant. It is as hardy as an oak tree with the habit of growth neat, cushion-like and compact on stems twelve inches long. Flowers prolifically over long period with twenty or more flowers on a single plant. Color of these beautiful, molded flowers is rich Salmon-Pink, almost the same shade as the greenhouse Carnation "Laddie." Calyx does not split and all flowers are perfectly formed. The spicy Carnation fragrance will delight you, particularly when used as a cut flower subject. They last a week or more in water. **Price: 60c each, \$5.00 per dozen.**

†* **Peppermint Stick**—A dainty, new hardy Carnation about the size and color of Beatrix in the individual flowers but splashed through the petal with crimson red. A nice acquisition to the hardy Carnation family. Height, 12 inches.

†* **Plumaris (Perpetual Pink)**—The old-fashioned hardy pinks with that elusive spicy clove fragrance. They range from white with red eye to deep pink. These delightful plants require well-drained soil and full sun. Height, 10 inches.

†* **Silvermine**—Pure white sport of "Beatrix" with much larger flowers. Very healthy foliage and habit of growth as well as being extremely fragrant. Height, 12 inches.

DAPHNE (Garlandflower)

* **Cneorum**—The gem of rock garden shrubs, blooming heavily twice in the season with clusters of Arbutus-like flowers, scented sweetly. 9-12 inch spread. Grow in shade for best results. **Price: \$2.00 per plant.**



Dielytra

DICTAMNUS (Gasplant or Burningbush)

An old garden favorite which has a strong smell of lemon and will sometimes give a flash of light on a sultry Summer evening when a lighted match is held near the flowers. Succeeds well in partial shade or full sun. Should not be moved after once established.

† **Fraxinella Rubra**—Rosy pink blooms in early May, glossy, handsome foliage throughout the season. 3 feet high, suitable for border or specimen plant. **Price: 75c per plant, \$7.50 per dozen.**

† **Fraxinella Alba**—Pure white form of above. **Price: 75c per plant, \$7.50 per dozen.**

DIELYTRA (Bleeding Heart)

* **Eximia (Fringed Bleeding Heart)**—A dwarf Bleeding Heart that literally blooms all season. It grows about 12 to 15 inches high, has very finely cut foliage, and graceful racemes of pink, heart-shaped flowers. It comes into bloom in May and flowers until late October.

† **Spectabilis**—Graceful, heart-shaped, pink flowers; one of the choice memories of old-fashioned gardens. Especially valuable for planting in shady or sunny spots. 2 feet. April and May. **Price: 75c per plant, \$7.50 per dozen.**

DIGITALIS (Foxglove)

A very attractive biennial addition to the herbaceous border, thriving in sun or partial shade in light, rich loam. Blooming in June and July.

† **Giant Shirley**—Magnificent strain of assorted foxglove attaining a height of 5 to 6 feet and flowers in the month of June.

† **Montrosa**—Extremely large flowers in assorted shades of color. Height, 3 to 5 feet.

DORONICUM (Leopardbane)

†* **Caucasicum**—A very showy Daisy-like flower of clear bright yellow, blooming in April and May. The most pleasing color scheme results when this is planted with Phlox Divaricata and Mertensia. Very hardy and succeeds well in full sun or semi-shade. Height, 1½ feet.

HARDY PERENNIALS (Continued)

Price: 50c per plant, \$5.00 per doz., \$35.00 per 100, except where noted

Varieties starred (*) are suitable for Rock Gardens. Varieties daggered (†) are suitable for Cut Flowers.



Hybrid Delphinium

DELPHINIUM

Are rapidly coming to the front as the outstanding Perennial for the garden. Grown as individual subjects or interspersed with other types of plants they attract considerable attention in their flowering season. By planting field clumps you will have flowers in June—Seedling plants will continue the flowering season along in July and August. The clumps bloom again in September and the seedlings follow on with second bloom in October, so throughout the entire summer and fall these showy blue spires of varied shades keep your garden interest alive.

†FIELD GROWN CLUMPS

These are very fine types and colors but it is not possible to procure them in individual colors. In other words, they are an assortment of light and dark shades and we would not be in a position to designate just how many of one shade you would get, but where display of flowers is required in your garden and you are not particular as to the individual colors of the same, these plants are ideal for the purpose, 4-6 feet high.

Price: \$1.50 per plant, \$15.00 per dozen.

†SIR GALAHAD TYPE

†**Sir Galahad Type**—This is the pure white strain that originated on the Pacific Coast. Magnificent spires of pure white double flowers of enormous size. **Price: \$1.00 per plant, \$10.00 per dozen.**

OTHER TYPES

†*BELLADONNA

Sky blue, beautiful sprays; large flowers with white centers, one of the best known. Height, 3 feet. Blooming June and July.

†*BELLAMOSA

Deep rich blue form of Belladonna. Flowers produced on long sprays throughout the entire Summer. Height, 2½ to 3½ feet.

†*BLUE MIRROR

The most intense shade of blue you can grow in your garden—slightly taller in growth than the Chinense type, 18-24" with clusters of perfectly straight flat flowers, flowering from late May until frost.

HARDY PERENNIALS (Continued)

Price: 50c per plant, \$5.00 per doz., \$35.00 per 100, except where noted

Varieties starred (*) are suitable for Rock Gardens. Varieties daggered (†) are suitable for Cut Flowers.

†DELPHINIUMS SEEDLING

A collection of light and dark shades from 2½" pots. Guaranteed to flower this summer and give you a magnificent display in mid-summer and early fall.

ECHINOPS (The Globe Thistle)

†**Ritro**—Small, round globular flowers with sharp points like a thistle which form into metallic blue flowers on plants 2 to 3 feet high and are wonderful for accent in any garden.

EUPATORIUM (Hardy Ageratum)

†***Coelestinum**—A splendid border plant with lavender blue Ageratum-like flowers, adding blue to the border from August to September. 1½ to 2 feet high.

EUPHORBIA (Flowering Spurge)

†**Corollata**—A tall growing, fine branching plant covered from June to August with dainty white flowers which can be used in place of Baby's Breath for making bouquets. A perfect and useful garden plant of stately dignity covered with masses of white blooms enhanced by attractive foliage. Height, 2 feet.

ERIGERON (Fleabane)

†***Speciosus (The Midsummer Daisy)**—Large clear pale mauve flowers with bright golden centers. Excellent for cutting. Height, 18 inches.

*FUCHSIA (Lady's Ear Drops)

†***Magellanica**—Very hardy, flowering the whole season long until stopped by frost. Ruby red pendulant flowers. These flowers do just as well in the sun as in the shade. Suitable for both hardy border and rock garden work. Suggested for growing in solid beds in shady places. Height, 2 feet.

FUNKIA (Plantain Lily)

***Lancifolia**—Very useful for borders and in partial shade. Late in season it produces a spike of lavender flowers. Plant does not attain a height of over 10 inches, but flower stalks will run up to about 2 feet.



Fuchsia Magellanica

†**Subcordata Grandiflora**—The "August Lily." Fragrant, pure white, Lily-like flowers, flowering in August and September. Does well in partial shade; has very handsome foliage. Height, 2 to 2½ feet.

GAILLARDIA (Blanketflower)

†**Dazzler**—An improvement on the old Grandiflora, showing much more yellow in the petals. Height, 2½ feet.

†**Monarch**—This lovely strain has very large flowers of bronzy-red with each petal tipped bright gold. A fine cut flower and ideal for the Perennial border. Height, 2½ feet.

†**Mr. Sherbrook**—Golden yellow flowers without any marking of any other kind. The individual flowers are around 2½ inches across, with a yellow cushion in the center. A lovely garden subject, since it is very free flowering and continues to give quantities of flowers from June until frost. Height, 2½ feet.

†**Tangerine**—A beautiful vivid tangerine orange in shade with a height of about 2 feet and a charming cut flower subject. Flowers June until frost.

GEUM (Avens)

†***Borisii**—A new variety of dwarf habit with warm, blood orange flowers on 8- to 10-inch stems. Free flowering from May to July, and often again in the Fall.

†***Lady Stratheden**—The flowers are a bright golden yellow, blooming from June to July. Perfectly hardy, but requires full sun and a fairly light soil. Height, 18 inches.

†***Mrs. Bradshaw**—A new, large, double, scarlet variety, blooming the greater part of the Summer. A splendid cut flower subject. Height, 15 inches.

†***Wilton Ruby**—The color is an unusual dark ruby-red. Height, 15 inches.

GYPSOPHILA (Baby's Breath)

†**Bristol Fairy**—Bristol Fairy has all the virtues of the popular Gypsophila paniculata, flore-pleno as a garden and landscape subject. It is sturdier, more graceful, and has much more distinct white flowers. Best of all it is an all-Summer plant, blooming periodically from June till frost. Height, 3 to 4 feet.

†***Rosy Veil**—Introduced into this country from Europe. Flowers of this variety are decidedly pink. Dwarf grower. Height 8 to 10 inches.

†***Repens Bodgeri**—This dwarf Baby's Breath attains a height of about twelve inches, producing double white flowers from early spring until late fall. Fills in beautifully between groups of the tall growing Bristol Fairy.

HELENIUM (Helenflower)

This magnificent Perennial during its blooming season from early August until middle of September, literally produces hundreds of beautiful yellow to bronze colored flowers.

†**Autumnale Rubrum**—Similar to Superbum, but has bright, terra-cotta red flowers; makes a wonderful display during the month of September. 5 to 6 feet.

†**Autumnale Superbum**—Broad, spreading heads, deep golden yellow flowers. One of the most striking flowers in cultivation. 5 to 6 feet.

HARDY PERENNIALS (Continued)

Price: 50c per plant, \$5.00 per doz., \$35.00 per 100, except where noted

Varieties starred () are suitable for Rock Gardens. Varieties daggered (†) are suitable for Cut Flowers.*



Hemerocallis "Fulva Rosea"

HEMEROCALLIS (Lemon Day Lilies)

Hardy Perennials of the Lily family. Great favorites in all gardens on account of their extreme hardiness and choice flowers. Will grow in partial shade or full sun equally well. If plants are lifted and divided every third year they give much better results than if left in one location indefinitely.

†**Aureole**—Bright orange-yellow, flowering in May and June, attaining a height of 2½ feet.

†**Boutonniere**—A small flower of clear yellow and rosy pink. One of the types known as bi-color, flowering in July and August, attaining a height of 3 feet. **Price: \$1.00 each, \$10.00 per dozen.**

†**Bijou**—Orange yellow overcast with rich blood red. Flowering June and July. 2½ feet high. **Price: \$1.50 each, \$15.00 per dozen.**

†**Cissy Guiseppi**—Deep coppery rose red with a pale yellow throat, flowering July and August, attaining a height of about 2½ feet. **Price: \$1.00 each, \$10.00 per dozen.**

†**Cressida**—This is a true orange color, blooming July and August. 3 feet high.

Dauntless—The wavy-edged, broad blooms are of pale cadmium yellow with a faint greenish throat and a fulvous mid-zone. This variety has fine substance and is very fragrant at evening time. Height 2½ feet. Blooms July and August. **Price: 75c each, \$7.50 per dozen.**

†**Fulva Rosea**—The most beautiful of any known species of Hemerocallis. The flowers of this variety are clear bright rose-pink borne in great profusion during the month of July and August on stems 40 inches long. Limited quantity. **Price: \$5.00 each.**

†**Goldeni**—A smooth deep orange. Flowering in July. 3 feet high.

†**Hyperion**—A lovely citron yellow producing in large numbers on strong stems. The most popular pale yellow Hemerocallis grown today. Used frequently for cut flower purposes and delightfully fragrant. Blooms in July and early August. 3½ feet high. **Price: 75c each, \$7.50 per dozen.**

†**Iris Perry**—A glistening orange overlaid bronzy yellow. Flowering July and August. 3 feet high.

†**Patricia**—Very pale canary yellow with a beautiful greenish throat. Flowering in July. 3 feet high. **Price: \$1.00 each, \$10.00 per dozen.**

†**Radiant**—Pure, clear orange in color, flowering July and August, attaining a height of 3½ feet.

†**Sachem**—Flower buds of reddish brown, opening to flowers of medium size about 4½ inch spread when fully developed. The color in the fall on the outer bud is dark red a shade between maroon and garnet. The yellowish orange throat is in contrast to this outer zone of red. It is a very handsome, tall, well branched variety that holds its color throughout the heat of the day and does not close until after sunset. Blooms in July. **Price: \$4.00 per plant.**

Serenade—Very light pastel shades of pink and yellow. The twisted and crinkled petals have a faint halo in a deeper tone. Flowers of medium size on tall, slender but stiff and well-branched stems. Height 4 feet. June and July. **Price: 75c each, \$7.50 per dozen.**

Soudan—Broad, crinkled and creped empire yellow blooms that are fragrant and of excellent substance. Height 3 feet. Blooms in July and August.

†**Wau-Bun**—Cadmium yellow with the outer half overcast a delicate shade of saffron red. Flowering July and August. 3 feet high. **Price: \$1.50 each, \$15.00 per dozen.**

*HELIANTHEMUM (Rock Rose)

Low subshrubs adapted for border planting and Rock Gardens. In assorted shades of color, pink, white, yellow, etc. Not over 12-18 inches high, flowering July to September.



Hemerocallis "Sachem"

HARDY PERENNIALS (Continued)

Price: 50c per plant, \$5.00 per doz., \$35.00 per 100, except where noted

Varieties starred (*) are suitable for Rock Gardens. Varieties daggered (†) are suitable for Cut Flowers.



Iris Kaempferi

HELIANTHUS (Sunflower)

- †**Coronation**—A beautiful subject for border decoration and extremely valuable for cutting. Produces large double flowers of rich yellow from August to October. Height, 4 to 5 feet.
- †**Loden Gold** — Large dahlia-like flowers of bright yellow. About 5 inches in diameter. When grown on a gravel-loam soil blooms develop to even greater perfection. If main flowers are cut when they mature, the side shoots develop perfectly and by this method the blooming season can be extended from August to very heavy frost. Height 4 to 5 feet.
- †**Multiflorus Flora Plena**—Deep golden yellow with quilted petals, similar to a Dahlia. Height, 4-5 feet. Flowering August and September.

HEUCHERA (Coralbell)

Few hardy Perennials lend themselves to as many uses in the garden as Heuchera. It makes a beautiful border with its rosettes of heart-shaped leaves, that remain green most of the winter. From late June to September they send up slender spikes 18 inches high, covered with small bright coral bells. It is ideal in the rock garden and fills an important blooming period in the herbaceous border. As a cut-flower, it keeps well and is most attractive used with other flowers for a table decoration.

- ***Pluie de Feu**—Low growing bright coral red variety—grand for rock garden work.
- †**Queen of Hearts** — In our opinion the best of all the Heucheras. Attractive as a plant, beautiful when the dainty flower covered sprays appear through summer. Coral red. Fine cut flower. Height: 18". Price: 3 for \$1.60; \$6.00 per doz.; 60c each.
- †**Rosamundi**—Beautiful shade of coral-pink. A fine strong grower. Disease resistant. Produces quantities of coral-pink blooms on strong stems, and flowers over 10 weeks.
- ***Sanguinea**—Pale pink to vivid crimson.

HOLLYHOCK (Double)

No old-fashioned garden is complete without Hollyhocks. Their stately spikes produce bold effects that cannot be obtained with any other flower. Height, 8 to 10 feet.

- †**Deep Rose**—Old Rose shade.
- †**Large Double Scarlet**—One of our most popular varieties.
- †**White**—A true pure white Hollyhock.
- †**Yellow**—Lemon shade of yellow.

IBERIS (Hardy Candytuft)

Among the many species of plants particularly suitable for dwarf beds, borders and the rockery, none surpass the hardy Candytufts in making a rich showing during their flowering season. The foliage is also quite ornamental, being evergreen most of the Winter. Do not cover in the winter.

- ***Sempervirens**—Pure white flowers which completely cover the plants in May. About 15 inches high, and splendid for edging borders and rock gardens.
- ***Snowflake**—Much more compact in growth than the Sempervirens with flowers almost three times as large and covering the plant completely when they bloom. A marvelous edging plant for walks or flower borders and a beautiful rock garden subject. Height, 6 to 8 inches.

IRIS KAEMPFERI—Standard Varieties

The showiest of the early Summer flowers in the garden. Magnificent flowers in beautiful shades of color and very useful as cut flowers. This is the one type of Iris on which lime should never be used. Height, 18 to 30 inches.

- †**Avalanche**—A double, pure white with a yellow center.
- †**Blue Bird**—A fine rich blue variety of fine form and color.
- †**Columbia**—A very striking double blue with pure white veins and yellow center.
- †**Dominator**—Single. A dark violet blue, lighter veinings of orange at base of falls; makes a splendid spot of color in the July garden. Upright standards, very large, horizontal falls.
- †**Doris Childs**—Pearly white petals veined with rosy bloom. A very fine double flowering sort.



Iris Kaempferi

HARDY PERENNIALS (Continued)

Price: 50c per plant, \$5.00 per doz., \$35.00 per 100, except where noted

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IRIS (Continued)

- †**Gold Bound**—Double. Large, white enriched by a creamy glow, from the gold banded center.
- †**La Favorite**—Large white with delicate veinings of blue and a great purple center.
- †**Mahogany**—The nearest color we have to red in Japanese Iris. Grand double flowers of a rich mahogany color blooming late in the season.
- †**Manyi-No-Taki**—Large flowering, six petal variety of dark ruby flowers with gold center. The flowering size is most unusual and this particular variety flowers early in the season.
- †**Mount Hood**—Double. Light blue with darker shadings and bright orange center.
- †**Mrs. J. A. Hayden**—A lovely double white suffused pale violet and the anthers occasionally develop into extra petals which make this almost treble in form.
- †**Purple and Gold**—Double. A striking violet purple with a conspicuous gold throat and bluish white rays.
- †**Pyramid**—Double violet purple, veined white in center of each petal.
- †**Queen of the Blues**—Pale, delft blue veined white. A very handsome flower of six petals.
- †**Red Riding Hood**—Amaranth pink suffused white. A grand color combination.
- †**Rose-Anna**—Double, mauve lavender, darker halo. Petals of soft, crepe-like texture, with yellow blotch at base.
- †**Totty's True Blue**—A large double flower of bright blue. Unusual shade. **Price: 75c each, \$7.50 per dozen.**
- †**T. S. Ware**—A double reddish violet veined white with a center marked lemon.
- †**Waka Musha**—Deep pansy-blue flowers veined violet over a white ground with a pure white border.
- †**Wister's Favorite**—Semi-double flowers of a beautiful shade of light blue. A nice carrying flower in the garden.

SIBERIAN IRIS

- †***Sibirica Variety Orientalis**—These are grassy-leaved Irises retaining lovely flowing foliage throughout the season and blooming just at the close of the bearded Iris season. The delicately poised blossoms are attractive and valuable both for cutting and garden decoration. **White. Shades of Blue.** Height, 18 to 24 inches. **Price: 30c per plant, \$3.00 per dozen.**

LAVANDULA (Sweet Lavender)

- *Lavandula Vera**—Sometimes called Spica or Officinalis, a shrub attaining a height of about 3 feet, producing lavender flowers later in the season, mostly grown for its fragrance or drying for Winter use. It is extensively used for rock gardens or as a border.

LIATRIS (Gayfeather)

- †**September Glory**—Clean purple flowers produced in late August and September on long spikes. One of the hardiest Perennials in cultivation and excellent for cut flowers.
- †**Scariosa Alba**—Glistening white spikes of the above which create a striking effect in the garden in late August and September.

LILIUM (Lilies)

(Cultural Notes)

Most Lily bulbs may be planted in the Spring or Fall. The most important factor in growing Lilies is that they should have good drainage. Manure or commercial fertilizer should never be allowed to come in direct contact with the bulbs, as this is often the cause of rotting or disease. In planting, dig the hole 6 inches deeper than the bulb is to be set and place some well decomposed leafmold in the bottom of the hole. Over this place an inch or two of sand. A mulch of peat moss or leafmold is very necessary during the Summer, with straw and leaves for Winter covering.

Interspersed in plantings add dignity and beauty to any garden. They adapt themselves to any location, are very hardy and are exquisite cut flower subjects.

- †**Lilium Candidum (Ascension or Madonna Lily)**—This is the Lily grown in all old-fashioned gardens; five to eight pure-white flowers borne on stems 3 to 4 feet high. Delphiniums grouped with these beautiful Lilies makes a charming combination in the hardy border during the month of June. Plant 3 inches deep. **Price: \$1.50 per bulb, \$15.00 per dozen.**
- †**Croceum**—Bright orange, yellow spotted purplish black in center sometimes tinged red. Prominent red anthers. Flowers late June and July. Hardy, vigorous and long-leaved variety. 3 to 6 feet high. **Price: 75c per plant, \$7.50 per dozen.**
- †**Lilium Henryi**—Very similar to Speciosum except in coloring, which is a gorgeous orange yellow with a green stripe down the center of each petal. This Lily blooms in August and September, which makes it very valuable for the late Summer garden. It is perfectly hardy and has no particular soil requirements. Plant 10 inches deep. **Price: 75c each, \$7.50 per dozen.**
- †**Lilium Martagon**—The Turksap Lily, dull purplish-red in color with copious spots of dark purple. Individual flowers about 1½ inches deep. A spiral growth with whorls of 6 to 9 leaves each on the lower part of the stem and a flower spike of practically 20 flowers. Stem 2 to 3 feet high, flowering in June with an average growth of the plant 4½ feet. Will grow either in partial shade or full sun and is one of the handsomest and hardest of the garden lilies. **Price: \$1.25 each, \$12.00 per dozen.**
- †**Regale or Myriophyllum**—Flowers white, slightly suffused pink, with a beautiful shade of canary yellow at the center. Delightfully perfumed, reminding one of the Jasmine. Blooms out of doors early in July. Absolutely hardy. Plant 8 inches deep. **Price: Large size 75c each, \$7.50 per dozen.**
- †**Lilium Speciosum Rubrum**—Deep pink with edges of petals suffused carmine red with deeper red spots and a green stripe at the base of the petal. Large, red anthers accentuate the beauty of this well known Lily. Flowers in August and September on stems 4 feet high. **Price: \$1.00 each, \$10.00 per dozen.**
- †**Tenuifolium**—A narrow-leaved, slender growing, attractive little Lily flowering in June and averaging about 18 inches in height but never more than 24 inches. Producing numerous deep scarlet, waxen, recurved flowers on wiry stems and covered with long, narrow foliage. A most attractive Lily for the rock garden. Plant about 4 inches deep. **Price: \$1.00 each, \$10.00 per dozen.**
- †**Umbellatum Orange Triumph**—An orange-red spotted at the base of the petals. Flowers in June and July. Height 2 to 2½ feet. As a general rule this particular Lily likes a cool, shady position. An exceptionally strong grower. **Price: \$1.50 each, \$15.00 per dozen.**

HARDY PERENNIALS (Continued)

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LINUM (Flax)

***Flavum**—Nice compact growing plant with flowers of light yellow during June and July about one foot high. A nice companion for the Linum Perenne. Good Rock plant.

***Perenne**—One of the most effective of the blue perennial flowers, growing about 18 inches high and flowers from May through July. When planted en masse, makes a very beautiful show of color.

LOBELIA CARDINALIS (The Cardinal Flower)

Perennial, by offshoot, grows 1½ to 3½ feet high, blooms from July to September. A wild flower of rare beauty that responds well to cultivation. Grows best in damp or wet ground, along brooks, in semi-shade, and prefers an acid soil. Shows to advantage with a background of evergreens or shrubbery or in a floral garden where glorious "cardinal red" will add new life during its August blooming period.

LUPINUS (Lupin)

†**Standard Sorts**—Effective plants with large spikes of flowers blooming profusely in May and June. They grow best in well-prepared garden soil, preferably in a sunny or semi-shady location. 3 feet. **Blue, White, Pink.**

LYTHRUM SALICARIA (Purple Loosestrife)

†**The Beacon**—Outstanding for growing in a small border or for large mass plantings and does well in sun or partial shade. Blooms from July to September with bold spikes of brilliant rose colored flowers and reddish-green foliage. Height, 4 feet.

†**Morden's Pink**—3 to 5 feet. Masses of rose-pink flowers on narrow spikes. Profuse and continuous bloomer June to July. Excellent for cutting. A hardy variety growing in full sun or partial shade. **Price: 65c per plant, \$5.50 per dozen.**

MERTENSIA (Virginia Bluebells)

†**Virginia**—Blooms very early in the Spring, making a charming color scheme when planted with Doronicum. Flowers of bright blue, fading to pink and borne on graceful, drooping stems about 1½ feet high.

MONARDA (The Bee Balm)

†**Didyma**—Brilliant crimson-scarlet flowers produced on plants about 3 to 4 feet high, during the months of July and August. Very showy and bright when planted en masse.

†**Lilacina**—Lovely soft shade of lavender-blue flowers, 3 to 4 feet, flowering July to September.

†**Salmonea (Salmon Bee Balm)**—Delightful salmon-pink flowers, about 2 feet high, flowering from July to September.

MYOSOTIS (Forget-me-not)

†***Palustris Semperflorens** — No hardy flower is better known or appreciated than this light blue variety. Early and free in bloom. Perpetual flowering type. Prefers a damp location. 6 inches.

NEPETA (Ground-Ivy)

***Mussini**—A most desirable border or rock plant with gray-green foliage and covered with masses of pale lavender blue flowers. Blooms from May to November if cut back once during mid-summer. One foot high and has a spread of 12 to 15 inches. Is a splendid ground cover. Especially useful in dry, sunny slopes to prevent washing.



Lupinus

OENOTHERA (Evening Primrose)

Excellent for border and rock garden work as well as on the edges of paths, because they are continuous in bloom throughout the entire Summer. Do very well in sunny places.

†***Yellow River** — A very much improved form of Oenothera with larger flowers and longer blooming period. These Evening Primroses are rapidly becoming very popular. Height, 18 inches.

†**Youngi**—Produces bright lemon yellow flowers on stems 2 feet tall from June until August, strong, stocky, large-leaved plants with firm, shiny foliage.

ASSORTED PEONIES

Excellent for filling in where large spaces require covering and will make a splendid showing in early spring.

The following list is a collection that are all first quality plants but have lost our labels in the fields and we offer them at **\$1.00 each, \$10.00 per dozen for September delivery.**

Double Pink Double Red Double White

PAEONIAS

After Iris, Peonies rank second in popularity as a hardy garden subject. Once they are planted, they can remain in one location eight to fourteen years before transplanting is necessary and each year they increase in size and beauty. They thrive best in well drained, loamy soil. Plant Peonies so that the buds are two inches below the surface when the ground is settled around them. If planted too deep, you will not have any blooms although plenty of foliage.

Peonies can be planted almost any season of the year but Fall planting from September to November is best. The first season does not produce large or typical blooms. All peonies listed below are flowering size. First price quoted for a large division at least 3 to 5 buds; second price one year old plants.

†**Amberglow**—Strong, upright stems of medium height bearing dark green leaves which have a peculiar fluted effect. Bud is delicate pink and the flower globular, flesh pink with salmon lights. Late but opens well and is noticeable for its delicate coloring and crisp freshness. **\$4.00-\$5.00.**

†**Ama-no-sode (Oriental type)**—Large, bright rose-pink with lighter tints. Extra. **\$3.00-\$4.00.**

HARDY PERENNIALS (Continued)

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PAEONIAS (Continued)

†**Departing Sun (Oriental type)**—Broad petals of carmine-red. Stamens petal color, crested yellow. When seen in the light of the setting sun, it fairly glows. **\$2.50-\$3.50.**

†**Edalis Superba**—Extra early, crown type, old rose-pink. Indispensable as an extra early deep pink commercial cut flower. **Price: \$1.00 each, \$10.00 per dozen.**

†**Festiva Maxima**—Exceptionally large ivory-white flowers with a fleck of crimson in the center. Strong stems and foliage. Midseason. **Price: \$1.00 each, \$10.00 per dozen.**

Karl Rosenfield—A large bright crimson with a slight touch of blue. Outer petals are large and wavy and the center petals incurved and notched. A tall, free flowering type with good stiff stems. Excellent for cut flowers if not cut too tight in the bud. **Price: \$1.00 each, \$10.00 per dozen.**

Longfellow—About as fine a red as we have seen for the mid-season growth in a bright crimson variety. The lovely color is intensified by the brilliant golden stamens in the center. Does not fade and is fine for cutting or garden decoration. Medium in height, fine foliage and a very free bloomer. **Price: \$2.00 each, \$20.00 per dozen.**

†**Magnolia (Oriental type)**—Bright rose-pink with overlapping petals. Center of enlarged stamens of chrome-yellow which are crusted with golden yellow. Strong, vigorous growth. Extra good for garden effects. **\$2.50-\$3.50.**

†**Mikado**—A medium-sized, Japanese type with wavy cupped petals of dark crimson. The center is broad and flat with thick staminodes stained dark rose, edged throughout the length and tipped pale buff yellow. A most attractive variety and well known for its beauty. Blooms in mid-season. **Price: \$1.50 each, \$15.00 per dozen.**

†**Mons Jules Elie**—Bomb type; early mid-season. King of all Peonies. Color an ideal glossy lilac-pink, shading to a deeper rose at the base. **Price: \$1.00 each, \$10.00 per dozen.**

†**Officinalis rubra**—Commonly referred to as "Grandmother's Pinney." Brilliant, double crimson flowers with a very distinct foliage. One of the early blooming types and frequently grown for cut flower purposes for Memorial Day. The intense crimson red color is very showy. **Price: \$1.50 each, \$15.00 per dozen.**

†**President Taft**—A lovely tall rose pink with crisp fluffy petals, notched and silvered at the tip. There is an occasional fleck of silver in the center of the flower. Blooms in mid-season and is sometimes referred to as "Reine Hortense." **Price: \$1.00 each, \$10.00 per dozen.**

†**Sarah Bernhardt**—A dark rose pink with petals edged a trifle lighter giving a most attractive appearance. Mid-season to late in flowering and much in demand for its beautiful cut flowers. Was distributed many years ago but is still found on the show table competing with more recent introductions. **Price: \$1.00 each, \$10.00 per dozen.**

PRIMULA (Primrose)

***Giant Yellow**—Large flowers in clear yellow.

***Munstead Strain**—The finest of the yellow and bronzy red shades in cultivation. Flowers early in May with height of flowers about 9 inches.

PACHYSANDRA (Spurge)

***Terminalis**—An evergreen ground cover unsurpassed for its adaptability to all situations and conditions. As a border for walks and drives it is most attractive. Also splendid for steep slopes in sun or shade, and for dense shade under any kind of trees. Pachysandra is the only plant to thrive under pine trees. It attains a height of about 8 inches. **Price: \$3.00 per dozen, \$20.00 per 100.**

PAPAVER (Oriental Poppy)

For commanding attention in a garden no Perennial outrivals Poppies. They come into flower in late May and early June and their gorgeous shades of color stand out against all the surrounding plants. They thrive best in a reasonably rich soil and can be planted during the months of September and October for flowering the following spring. Plant different varieties in several shades of color for best effect.

†**Beauty of Livermore**—One of the finest dark crimson Poppies with heavy black splotch at base of flower. A fine free growing variety.

†**Jeanne Mawson**—A beautiful geranium-pink variety, attaining a height of about 2½ feet. Fine, large flowers on strong, erect stems.

†**Joyce**—Very large choice. Straight medium flowers of cherry-red which color attracts attention from every visitor to the garden. **Price: \$1.00 each, \$10.00 per dozen.**

†**Mrs. Perry**—A very lovely shade of apricot pink. A most unique color and entirely distinct. Growing about 3 feet high, flowering in June.

†**Orientalis**—The original Oriental Poppy. Brightest crimson-scarlet blooms with large purplish blotch at the base of the petals. One of the finest and best known of the Oriental Poppies.

†**Perry's White**—Pure white large Oriental Poppy with black blotch at the base. Attains a height of about 2½ feet. Flowering in June and July.

†**Salmon Glow**—This is an unusual offering because it is a true double salmon-orange Poppy with individual flowers 6 to 8 inches across. **Price: \$1.00 each, \$10.00 per dozen.**

SPRINGFIELD ROSE FOOD

In order to get good results from your Rose plants it is necessary that you feed them once or twice at least in their growing season. This can be done most successfully with the formula that has only recently been brought back into this country from Europe and we use the original formula for SPRINGFIELD ROSE FOOD and can furnish the following sizes at prices listed.

5 lbs.....	\$1.00	25 lbs.....	\$3.00
50 lbs.....	\$5.00	100 lbs.....	\$8.50

HARDY PERENNIALS (Continued)

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PENTSTEMON (*The Beard Tongue*)

Few Perennials offer the graceful showing in a garden that Pentstemons do. The small tubular flowers like miniature foxgloves in shape, grow on long spikes and flower from June until August. Most effective.

†***Firebird**—The flowers are foxglove-like, on stems about 18 to 24 inches tall, and are fiery crimson overlaid with an orange sheen. The plant is easily grown, is free from insect pests, flowers freely, creates a brilliant effect in the flower garden, and is a cut flower par excellence. This plant is quite similar in growth to Pentstemon Garnet, flowering just as freely and is more hardy. **Price: 60c each, \$5.00 per dozen.**

†***Garnet**—"Garnet" is of spreading habit and produces a succession of bloom from June until frost. Flowers of rich garnet color, gracefully placed on stems 12 to 18 inches tall. The plants have from six to a dozen spikes continually in flower. Excellent for cutting and last a week or more in water.

PHYSOSTEGIA (*False Dragonhead*)

†***Vivid**—A new dwarf growing variety, that attains a height of 18-22 inches, and is a marvelous improvement on any previous variety introduced. It is much deeper in color and has larger individual flowers. A splendid cut-flower.

PLATYCODON (*Balloon Flower*)

The Platycodons are closely allied to the Campanula and form neat, branched bushes of upright habit, 2 to 2½ feet high. Attractive blue or white flowers from June to August.

†***Double Blue**—A double form of the blue Platycodon. Very unusual, heavy flowers that are ideal for cut flower purposes and a type that attracts interest in all gardens. Height 18 inches.

†***Grandiflorum** — A beautiful, deep blue. Single flowers. Height 18 inches.

†***Grandiflorum Album** — Beautiful pure white type of above, 2 feet.

POLEMONIUM (*Jacobs Ladder*)

***Blue Pearl**—Has finely cut, deep green foliage and showy spikes of baby-blue flowers in April and May. Sun or shady places. Attains a height of 9 inches. There is no burning of foliage on this variety. Will stand partial shade.

PULMONARIA (*Lung-wort*)

***Officinalis**—An excellent plant for the hardy border and rock garden, growing about 12 inches high. Flowers resemble the Mertensia to a great extent. Lovely blue blooms on beautiful silvery spotted foliage.

PYRETHRUM (*Persian or Painted Daisy*)

One of the best Perennials in our list. It is perfectly hardy, will thrive in any garden soil and in any situation except in dense shade under trees. As a cut-flower it is unsurpassed in daintiness and keeping qualities. Blooms in May and June. Grows about 1½ to 2 feet high.

†***Robinson's Hybrids**—Single daisy-like flowers, ranging in shade from deep pink to red. Grand cut flower subjects and very showy in the garden. Long season of flowering make these an asset to any garden.

†***Single Mixed**—An assortment of single daisy-like flowers in assorted shades of pink only.



Pentstemon Firebird

HARDY PERENNIALS (Continued)

Price: 50c per plant, \$5.00 per doz., \$35.00 per 100, except where noted

Varieties starred (*) are suitable for Rock Gardens. Varieties daggered (†) are suitable for Cut Flowers.

HARDY PHLOX

If you want to add zest to your summer gardens, plant Phlox and plenty of them. Their brilliancy of color and long season of flower make them one of the most desirable of Perennials.

†**Chesapeake*** (Patent)—An outstanding semi-dwarf Phlox not over 15 inches in height with large symmetrical trusses of flowers in a glorious shade of Tyrian Rose with a silvery white reverse on the underside of the petals. The individual florets on this most attractive Novelty are $1\frac{1}{8}$ inches in diameter and are exceptionally long lasting on the plant. A very compact grower branching from the base of the plant and the handsome, dark green, disease resistant foliage makes a splendid foil for the brilliant flower. This Phlox has unusual garden value if you are looking for a showy mid-summer subject. One of the best Perennials introduced in many years, and a fine Rock Garden subject.

†**Commander Kochl** — Dark blood-red. Large clusters of strong, tall stems. Individual flowers large, keeping their color in heat and rain. Flowering July and August, $2\frac{1}{2}$ feet high.

†**Daily Sketch**—Extra large trusses and individual flowers; color light salmon-pink with very faint carmine-eye. An outstanding novelty.

†**Flash**—One of the newer introductions. Fine brilliant crimson. An asset to any garden that requires brilliancy.

†**Harvest Fire**—Brilliant salmon orange. Very vigorous grower. One of the best Phlox varieties introduced in many years.

†**La Vague**—The color of the florets shade from a bright pink to a mellow purple with a deep Tyrian pink eye. Heavy, broad green foliage adds to the beauty of this variety.

Phlox "Chesapeake"



†**Leo Schlageter**—Brilliant carmine with darker center; large trusses and a vigorous grower.

†**Lillian**—Very soft pink variety with pale blue eye which enhances its beauty to a great extent.

†**Mary Louise**—Large heads of pure waxy white flowers. Individual flowers very large, the best white flowers to date. Good grower with clean foliage flowering August and September. $2\frac{1}{2}$ to 3 feet high.

†**Meis Copijn**—Pure clear pink Phlox with carmine eye that produces massive trusses of flowers throughout the summer season. This particular variety has an excellent erect habit of growth and will be a delightful asset to any garden where it can be grown in clumps of two and three plants to make a very splashing effect on the landscape. This is a variety we can heartily recommend. **Price: \$.75 each, \$7.50 per dozen.**

†***Miss Lingard**—This is known as the early flowering Phlox, since it comes into flower in May and continues to flower continuously until October, or the very heavy frosts injure it. Height, about 2 feet. Color, pure white. In early part of season will show a pink ring in the center which gradually fades out later in the season to a pure white variety.

†**Spitfire**—The original name of this Phlox was Frau Van Mauthner but during the war when it was impossible to get in touch with other countries regarding the names they wished their varieties growing in this country to be called, it was distributed by some firms as Spitfire and by others as Orange Beauty. The actual name of the variety is as given herewith and we do think in all justice to the introducer the difference in names should be explained to the customers at this time so if any of them are growing stock purchased under the name of Frau Van Mauthner or Orange Beauty they will know it is one and the same variety and that Spitfire is now the official name.

†**Progress**—The individual flower is lavender suffused on the white petals with a pronounced purple eye. Mass planting produces a soft lavender effect.

†**Salmon Beauty**—A rich salmon pink with large contrasting pink eye. Very soft in tone but positive in effect. The individual flowers are $1\frac{1}{2}$ to 2 inches across and the plants attain a height of about 30 inches.

†**Salmon Glow**—Lively flame-pink, with salmon shades, softened with lilac and white tints at the center, the effect as a whole being a rich salmon. This new variety is extremely free flowering. July, throughout the season, 2 to 3 feet high.

†**Snowcap**—Broad pyramidal panicle, the large florets effectively arranged to form a huge cap of snowy white. Strong stem, medium to tall, outstanding for the size and excellent form of panicle. Foliage disease resistant.

†**Thor**—Deep salmon pink, suffused with a scarlet glow, somewhat lighter in mass effect than General Chanzy. Has unusual gardenesque value.

†**Tigress**—A brilliant new coral-red shade with a golden sheen. $2\frac{1}{2}$ feet high.

*PHLOX DIVARICATA

A Perennial Phlox of pure lavender blue, growing to a height of 15 to 18 inches; unsurpassed as a border plant when planted in front of Darwin Tulips, since it flowers in May and continues flowering until early July.

No other garden flower blooming at this season shows this rare and beautiful color.

A solid bed of Phlox is one of the most attractive sights in any garden and we cannot too strongly recommend everyone to try at least a few plants of this remarkable perennial

†**Phlox Divaricata Alba**—The white form of the Phlox Divaricata. An exact duplicate of the blue variety in every way except that the flowers are pure white.

HARDY PERENNIALS (Continued)

Price: 50c per plant, \$5.00 per doz., \$35.00 per 100, except where noted

Varieties starred () are suitable for Rock Gardens. Varieties daggered (†) are suitable for Cut Flowers.*

ROSA ROULETTI

***Alpine Rose**—This miniature pink Rose blooms practically nine months of the year if planted in full sun in good soil. It is excellent for edging borders or rock garden work and the miniature flowers either in the bud or fully open attract considerable attention. Height 10 inches. **Price: \$1.25 per plant, \$12.50 per dozen.**



Stokesia Blue Moon

RUDBECKIA (Coneflower)

†**Purpurea**—Large showy reddish purple flowers; 4 inches across, 3 feet. July to October.

SANTOLINA (Lavender Cotton)

***Chamaecyparissus Incana**—A shrubby evergreen Perennial with aromatic silvery-white foliage. Small yellow flowers in round heads. Useful for sunny border and rock gardens. Height, 1 foot.

SAPONARIA (Soap Flower)

***Ocymoides**—Border plant, growing about 6 to 7 inches high, producing masses of bright pink flowers in May.

SCABIOSA (Pincushion Flower)

†**Caucasica**—Sky blue flowers, about 4 inches across, with tufted center, flowering from June to September and attains a height of about 18 inches. Splendid for cutting purposes.

SEDUM (Stonecrop)

†**Purpurea**—An exact duplicate of the well known Vivid in every way except color which is very much deeper.

†**Spectabile**—Most popular of all the Sedums, producing large, flat heads of rose-colored flowers 2 feet high. Mid-August to mid-September.

†**Vivid**—A much shorter growing variety than Spectabile with very deep colored flowers. Flowering late August to October. Height, 18 inches.

SPIREAS (Meadowsweet)

Very showy plants, either planted in isolated clumps or intermingled with other herbaceous plants in the hardy border. They thrive well in any rich garden soil, but prefer damp positions. Very decorative with beautiful spikes of flower.

†**America**—Beautiful Lilac pink in color. Height, 2½ feet.

†**Emden**—Cattleya rose-pink, attaining a height of about 16 inches, flowering in early June.

†**Fanal**—Beautiful feathery sprays of brilliant red. Easy to grow hardy variety that likes plenty of moisture as well as good rich soil. In bloom throughout May and June with flowering stalks about 15 inches in length. Where a red border plant is wanted, we strongly recommend this Spirea. Height, 2½ feet. **Price: 75c per plant, \$7.50 per dozen.**

†**Gloria Superba**—Dwarf, deep pink variety with a height of not over 2 feet and flowering in June.

†**Granat**—Very strong growing variety with flower spikes of crimson red. Height, 2½ feet.

†**Peach Blossom**—As its name implies, a graceful early pale pink in color. Height, 2½ feet.

†**Queen Alexander**—A very fine rose pink variety in cultivation many years but still very popular.

†**White Gloria**—A lovely graceful white variety, large plumes of clear white, flowering in August. 2½ feet high.

STOKESIA (The Cornflower Aster)

†**Blue Moon**—It is of easy culture, a clean grower and flowers throughout the Summer. It is not at all unusual to see vivid blue disc-like flowers five to six inches in diameter on stems twelve to eighteen inches long.

SWEET WILLIAM (Biennial)

†**Newport Pink**—Color salmon or watermelon pink. Height, 12 to 18 inches.

†**Scarlet**—One of the best red types.

†**White**—A glistening white.

THALICTRUM (Meadow Rue)

†**Adiantifolium**—The foliage resembles the maiden hair fern and the feathery white flowers are airy and graceful in the garden or in bouquets. Blooms in June. Height, 2 feet. Prefers a rich loam and rather moist place.

†**Lavender Mist**—A comparatively new Perennial for the hardy garden. Very dainty maiden hair like fern foliage with large loose flowers of lavender-purple. Lovely for lightening up bouquets and this plant will do equally well in sun or partial shade. **Price: 60c per plant, \$6.00 per dozen.**

HARDY PERENNIALS (Continued)

Price: 50c per plant, \$5.00 per doz., \$35.00 per 100, except where noted

Varieties starred () are suitable for Rock Gardens. Varieties daggered (†) are suitable for Cut Flowers.*

TRITOMA (Red Hot Poker)

†**Primrose Beauty**—The beautiful clear primrose yellow spikes produced by this plant are unique for their grace as well as their delightful color. They are faultlessly shaped and slightly arched, creating a charming effect. Primrose Beauty blooms in early summer, on spikes about 40 inches tall, lending a charm to the flower border few other plants can. **Price: 65c each, \$5.00 per dozen.**

†**Springtime** (Patent 318) — A fascinating hardy Tritoma which flowers in late June and early July. The upper part of the flower is a rich coral red, the lower half ivory yellow. These sparkling and clear contrasting colors hold one's attention in a pleasing manner. Springtime grows in all kinds of soil and has weathered these winter conditions without any protection. Height, 30 inches. **Price: 65c each, \$5.50 per dozen.**

†**Summer Sunshine**—Flame-red spikes on stems 3 feet tall, flowering in July on a nice bushy plant which is attractive even when not in flower. Slight protection in winter is advisable in cold sections of the country.

†**Vanilla**—3 feet, butter yellow.

†**White Fairy**—Top cream yellow, shades to white.

TROLLIUS (Buttercup)

†***Golden Queen**—A very vigorous variety with unusually large flowers of a rich golden orange color. It flowers profusely both in early Summer and in Autumn. Does best in a deep rich soil with ample moisture. Beautiful planted in bold clumps.

†***Ledebouri** — A most interesting, vigorous growing, large Buttercup flower of rich golden orange. Flowers profusely in early summer and autumn. Does best in deep rich soil with ample moisture and extremely showy planted in groups of two or three.

TUNICA

***Saxifraga Fl. Pl. rosea**—A dancing miniature of the beloved Baby's Breath in double form. Reigning gayly through the heat of the Summer. Good Rockery plant.

VERONICA (Speedwell)

†**Blue Peter**—A recent English introduction of great merit has large navy-blue flowers on stiff stems and exceptionally fine habit of growth. Flowers from July to August 20th.

†**Blue Spire**—A hybrid of Veronica Longifolia Subsessilis and Veronica Spicata which has retained the glorious dark color

of Veronica Subsessilis. Grows about two feet tall. Bushy habit, and a real addition to the Summer blues, which at this particular season are rather scarce.

†**Longifolia Subsessilis**—This is one of the handsomest of the Veronica type. It has long spikes of a beautiful deep blue and is frequently used as a cut-flower. It attains a height of about 2 feet and flowers from July to September.

Repens—A creeping form of Veronica which produces pinkish lavender flowers in late May. Is an excellent ground cover or filler between stones in a rock garden.

VIOLA

Violas like a moist loamy soil but do well under average soil conditions. They also like afternoon shade but this is not strictly essential. In early August cut off all long flowering runners about 3 inches from plant and they will continue to produce flowers all fall. Where low-growing, continuous blooming is desired, plant Violas.

†*** Apricot Queen**—A fascinating shade of apricot that compels the immediate attention and admiration of all who see it. The plant has a neat, compact habit of growth and blooms freely from Spring to October. The requirements for success in growing this charming Viola are to locate the plants in full sun and to shear them close to the ground twice during the season.

Giant Jersey Gem—An exact duplicate of the popular "Jersey Gem" introduced by us many years ago, except that "Giant Jersey Gem" is twice the size of "Jersey Gem" in flower—much sturdier and compact in growth and slightly deeper in color. **Pot Plants Only for Spring Delivery. Price: 75c each, \$7.50 per dozen.**

***Jersey Gem**—The peerless Viola that blooms from April until snow. Rich, dark violet color, with long stems and a delicious fragrance. It is perfectly hardy and will grow in any good garden soil, but must have full sun for best results.

***Purple Heart**—(Pat. 671)—A deep violet purple with center showing a relieving spot of golden yellow. Flowers attain a size of 3 inches across produced on graceful stems 7-8 inches long. They bloom from early spring until fall. The edges of the petals are waved which make them an interesting cut flower subject. **Price: 2½" pot plants only, 75c each, \$7.50 per dozen.**

VIOLETS

***The King's Ermine**—A beautiful white hardy garden Violet coming into flower in early April, and continuing to bloom very freely for many weeks. Throat a rich purple.

***Rosina**—A small soft ripe pink Violet blooming freely in the Spring and again in the Autumn. Delightfully fragrant. While it will grow well in the full sun, it does best in partial shade.

***Royal Robe**—This new Violet should be in every rock garden because it is a grand grower and a gem for a shady location. The flowers borne on long stems make a very attractive corsage.

*VINCA (Periwinkle—or Creeping Myrtle)

One of the best evergreen ground covers making a thick trailing growth in two years. Blooms quite freely in early Spring and occasionally through the Summer.

***Bowles Variety**—A great improvement over any form of Vincas grown up to this time. The foliage is broader and a brilliant green. Plant is a strong grower and a very profuse bloomer. Flowers larger, of a deep lavender blue shade.

YUCCA (Adam's Needle)

†**Filamentosa**—Ornamental foliage and flowering plants. Makes a splendid foil for the delightfully fragrant spikes of creamy white flowers produced during June and July. 5 to 6 feet tall.



Viola Apricot Queen

CLIMBING VINES

Varieties starred (*) are suitable for Rock Gardens. Varieties daggered (†) are suitable for Cut Flowers.

AMPELOPSIS

Ampelopsis Veitchi (Boston Ivy)—Useful in city or suburbs; its glossy foliage withstands dust and smoke. Clings to bricks, walls, fences or rocks. Once established, forms a dense, rapid growth. Foliage turns to brilliant scarlet, crimson and orange in the Fall. **Price: 3-year-old, \$1.00 each; \$10.00 per dozen.**

BIGNONIA (Trumpet Vine)

†**Grandiflora**—A beautiful large flowering type of this very easy growing climber. Extremely large flowers of tawny orange produced continuously throughout the summer and early fall. **Price: \$1.50 each, \$15.00 per dozen.**

†**Mme. Gallen**—The Scarlet Trumpet Vine was one of the most popular vines grown in this country but now it is succeeded by the much lovelier Hybrid Mme. Gallen. These large, flaring flowers 2½ inches across grow in clusters all summer long. The rich coloring of orange-apricot is handsome and showy against the lovely foliage of this plant. It is immune to insects of all kind, quick growing and requires no support. It will fasten itself on either brick or wood, is perfectly hardy and attracts considerable attention especially if planted in a nice sunny location. **Price: \$2.00 each; \$20.00 per dozen.**

†**"Yellow Trumpet"**—Being associated with old American gardens, the old scarlet Trumpet vine is known and loved throughout the country. It is therefore a pleasure to introduce a new and improved variety which is entirely distinct from the old type. The parent plant of Yellow Trumpet, which developed as a sport was found growing on an old Virginia plantation. It was cultivated and developed for a number of years so that now it is unquestionably the most beautiful and spectacular hardy vine in cultivation. It is entirely hardy; making a rapid growth and the beautiful golden chrome yellow flowers range from 2½ to 3 inches across and are produced throughout the summer, from June until fall against bright, clean, tropical foliage. "Yellow Trumpet" produces a picturesque, delightful display when grown on a pergola or porch or when used for covering stone walls. It requires no support and readily attaches itself to wood, brick or stone surfaces. It prefers a sunny position, but will grow in semi-shade if necessary. **Price: Strong two-year-old plants, \$1.50 each, \$15.00 per dozen.**

LONICERA HALLIANA

(Hall's Evergreen Honeysuckle)

One of the best vines for all purposes, blooms from early Summer to frost. Flowers yellow and white with a delightful fragrance. Very vigorous grower. Splendid covering for banks and slopes. 2-year-old plants. **Price: 50c each, \$5.00 per dozen.**

LONICERA HECKROTTI

Goldflame Honeysuckle (Trade Mark)—A superlative variety; beautiful, hardy and versatile. The large flame-coral trumpets lined with gold, fragrant after nightfall, appear in immense, showy clusters the same year the plant is set out. Reaching its full glory of bloom in early Summer, it nevertheless flowers abundantly from May until frost. Dark blue-green foliage, disease and pest free, is attractive in itself and makes a perfect background for the brilliance of the flowers. Allowed to grow naturally, Goldflame will climb a trellis or spread as a ground cover, if pruned it becomes a striking specimen shrub, while if planted in a row and sheared it gives a smashing effect as an everblooming hedge. **Price: 75c each, \$7.50 per dozen.**

POLYGONUM AUBERTI (Silver Lace Vine)

This vine produces a great profusion of foamy white flower sprays during the Fall, which often bloom in a limited way earlier in the season. It makes a strong, vigorous growth attaining a height of 25 feet, and is perfectly hardy. **Price: 50c each, \$5.00 per dozen.**

CLEMATIS

THE ARTISTOCRAT OF THE CLIMBING PLANTS

Large-flowering Hybrids
2-yr. plants, grown on own roots
Price: \$1.50 per plant

Henryi—The large flowering white.

Jackmani—The large flowering, dark purple variety. One of the most popular Clematis grown.

Lawsoniana—Very beautiful, lavender blue variety.

Mme. Edouard Andre—The deep red form of the large flowering types.

Paniculata—The small flowering form with showers of fragrant white flowers.

Ramona—Large lavender-blue flowers with dark anthers.

BUXUS SUFFRUTICOSA

THE TRUE OLD ENGLISH BOX

This is the ideal edging for formal gardens or for low growing hedges.

4 to 6 inches.....\$25.00 per 100

6 to 8 inches.....\$50.00 per 100

Delivery direct from our Virginia nursery.

FLOWERING SHRUB

Indispensable for small homes
WIEGELA (Bristol Ruby)

(Patent 492)

The originators of this variety described it as follows: "A better 'Eva Rathke' has long been needed—Bristol Ruby is just that. Hardier and more vigorous, it makes a shapely thrifty plant with attractive rich green foliage. Color is a soft ruby-red shading to garnet-crimson; extremely pleasing in effect and without harsh tone. Attaining a height of 6 to 7 feet at maturity, it makes a perfectly formed, well-rounded specimen requiring very little pruning because it flowers well from old wood; no die-back or uneven growth at any time. The original is blooming in its twelfth year with never a miss or off season. Excellent reports from Vermont and other difficult regions fully substantiate our own estimate of its unusual hardiness. Bristol Ruby is definitely superior to Eva Rathke in every respect and customers are quick to note its better qualities." 18-24 inches. **Price: \$1.50 each, \$15.00 per dozen.**

TUBEROUS ROOTED BEGONIAS

For many years our customers have been asking us to furnish them with Tuberous Rooted Begonias. With this idea in mind we have had one of the leading growers in California select some of his especially fine varieties of the Camellia type. We offer them this year for the first time in assorted colors.

A light soil containing a quantity of humus is best for Begonias. Do not water to excess so that the soil goes sour, especially when they are first planted. When plants are in full growth, apply only sufficient moisture to keep from drying out at any time. **Price: 50c per tuber, \$5.00 per dozen.**

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Important — PLEASE READ

"PLEASE ORDER EARLY." We suggest you order as early as possible this year because *quality* stock is scarce and the demand will exceed the supply. Naturally, early orders will be filled complete and will be delivered at proper time for planting if no specific date is mentioned when ordering.

Plants that have grown too large or unsafe to move at a particular season will be reserved and shipped at the proper time.

Remittances should be made by check, post office order or express order. When not convenient to remit in this way the *letter should be registered*. We will not be responsible for the receipt of money not registered. On all shipments by parcel post the postage will be charged for.

Be sure that *both postal and express addresses* are mentioned. Frequently shipments requested to be sent by parcel post must be shipped by express due to over-weight when ready for delivery.

Orders for less than \$5.00 must be paid for in advance. When cash accompanies order a discount of 3% is allowed from the total amount of order.

Accounts unpaid within 30 days are subject to sight draft without further notice and interest will be charged after that time.

While we exercise every care in packing and have confidence in the safe arrival of shipments, *all goods are forwarded at the purchaser's risk*.

If found unsatisfactory on arrival return must be made to us immediately. Complaints on goods will not be accepted later than 10 days after arrival. No adjustment will be made after 30 days.

We endeavor to keep our plants true to name and maintain them satisfactory for the customer, but will not be responsible for failure from causes over which we have no control; such as unfavorable weather conditions, careless culture, improper soil, etc. We assume no responsibility after stock is delivered to customer in good condition.

If the customer does not wish to accept shipment under these conditions, we ask that the plants be returned to us immediately.

We endeavor to fill our orders in the rotation in which they are received but sometimes slight delays are unavoidable. A great deal of trouble can be avoided if customers will state specifically the date on which they are ready to plant and give us permission to ship on the nearest date possible to that time.

CORRESPONDENCE—We suggest inquiries be made on a separate sheet of paper from the order to eliminate delay in replying.

PLEASE NOTE: It is not unusual for us to receive orders without any signature or identification mark attached. Customers who do not receive response to correspondence or orders within a reasonable time please write again, enclosing copy of letter or order so we may be able to trace same quickly.

Not less than three plants of one variety will be sold at the dozen rate, nor less than twenty-five at the hundred rate. We are sometimes asked to send one hundred plants embracing about thirty varieties at the hundred price. We will not send less than twenty-five of one variety at the hundred rate. It takes considerable time to select one hundred plants in twenty or thirty varieties and we must charge for the same accordingly.

Totty's

MADISON

NEW JERSEY

1948